

WEISSKOPF OILS

PRODUCT CATALOGUE



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TRAK ULTRA 10W-30

Trak Ultra 10W-30 is a modern multifunctional oil for use in agricultural and earth-moving machinery. The product is based on premium solvent-refined base oils with additives to achieve the following properties:

- Powerful dispersion and detergency
- High resistance to wear, corrosion and foaming
- Very high resistance to oxidation
- Excellent EP properties
- A high and stable viscosity index

Application

Trak Ultra 10W-30 has been specially developed for everyday operating conditions in agriculture. The universal, multifunctional oil is what is known as an STOU: Super Tractor Oil Universal. It is therefore suitable for use as an all-purpose lubricant for:

- Petrol engines
- Diesel engines and turbo diesels
- Transmissions, also for wet brakes
- Hydraulic systems



Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Specifications

API SF/CG-4/GL-4
ACEA E3, MIL-L-2104D
Allison C4
Cat TO-2
Ford M2C159-C / M2C134-D
John Deere J27 / J20C
Massey Ferguson CMS M1145 / M1144 / M1139
Massey Ferguson CMS M1143 / M1135
MB 227.1
NH 410B
ZF TE-ML 06B / 07B

Typical Standard Analyses

Density At 15 °C, Kg/m ³	876
Viscosity -25 °C, Mm ² /s	4730
Viscosity 40 °C, Mm ² /s	70,60
Viscosity 100 °C, Mm ² /s	11,40
Viscosity Index	154
Flash Point Coc, °C	228
Pour Point, °C	-33
Total Base Number, Mgcokh/g	11,3
Sulphate Ash, %	1,57
Hths, Mpa.s	3,14
Noock, %	12,7

TRAK-S 10W-40

Trak-S 10W-40 is a modern multifunctional oil for use in agricultural and earth-moving machinery. The product is based on premium solvent-refined base oils with additives to achieve the following properties:

- Powerful dispersion and detergency
- High resistance to wear, corrosion and foaming
- Very high resistance to oxidation
- Excellent EP properties
- A high and stable viscosity index



Application

Trak-S 10W-40 has been specially developed for everyday operating conditions in agriculture. The universal, multifunctional oil is what is known as an STOU: Super Tractor Oil Universal. It is therefore suitable for use as an all-purpose lubricant for:

- Petrol engines
- Diesel engines and turbo diesels
- Transmissions, also for wet brakes
- Hydraulic systems

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	860
Viscosity -25 °C, Mm ² /s	6200
Viscosity 40 °C, Mm ² /s	90,40
Viscosity 100 °C, Mm ² /s	13,60
Viscosity Index	153
Flash Point Coc, °C	218
Pour Point, °C	-39
Total Base Number, Mgcokh/g	11,3
Asid Number, mgKOH/g	-
Sulphate Ash, %	1,57
Hths, Mpa.s	3,84
Noock, %	13,5

Specifications

API SF/CG-4/GL-4
ACEA E3, MIL-L-2104D
Allison C4
Cat TO-2
Ford M2C159-C / M2C134-D
John Deere J27 / J20C
Massey Ferguson CMS M1145 / M1144
Massey Ferguson CMS M1143
MB 228.1 / 227.1
ZF TE-ML 06B / 07B



TRAK CVT 10W-40

Trak CVT 10W-40 is a modern multifunctional oil for use in agricultural and earth-moving machinery. The product is based on a blend of high-grade "Group II/II+" base oils and an advanced additive package that gives the product the following unique properties:

- Excellent low temperature properties
- Excellent resistance to mechanical stress
- Very low volatility, which means less oil evaporates during operation
- Powerful dispersion and detergency
- High resistance to wear, corrosion and foaming
- Very high resistance to oxidation
- Excellent EP properties
- A high and stable viscosity index

Application

Trak CVT 10W-40 is a high-grade, multi-purpose oil and is therefore ideally suited for use as a universal lubricant for the following applications:

- Petrol engines
- Diesel and turbo diesel engines
- Transmissions, including modern automatic CVTs
- Also suitable for systems with wet brakes
- Hydraulic systems

Specifications

API SF/CG-4/GL-4
ACEA E3, MIL-L-2104D
Allison C4
Cat TO-2
Ford M2C159-C / M2C134-D
John Deere J27 / J20C
Massey Ferguson CMS M1145 / M1144
MB 228.1 / 227.1
ZF TE-ML 06B / 07B



Typical Standard Analyses

Density At 15 °C, Kg/m ³	867
Viscosity -25 °C, Mm ² /s	5050
Viscosity 40 °C, Mm ² /s	83.50
Viscosity 100 °C, Mm ² /s	13.10
Viscosity Index	151
Flash Point Coc, °C	242
Pour Point, °C	-39
Total Base Number, Mgkoh/g	11.3
Sulphate Ash, %	1.57
Hths, Mpa.s	3.73
Noock, %	7.2



Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

TRAK ULTRA 15W-30

Trak Ultra 15W-30 is a modern multifunctional oil for use in agricultural and earth-moving machinery. The product is based on premium solvent-refined base oils with additives to achieve the following properties:

- Powerful dispersion and detergency
- High resistance to wear, corrosion and foaming
- Very high resistance to oxidation
- Excellent EP properties
- A high and stable viscosity index



Application

Trak Ultra 15W-30 has been specially developed for everyday operating conditions in agriculture. The universal, multifunctional oil is what is known as an STOU: Super Tractor Oil Universal. It is therefore suitable for use as an all-purpose lubricant for:

- Petrol engines
- Diesel engines and turbo diesels
- Transmissions, also for wet brakes
- Hydraulic systems

Specifications

API SF/CG-4/GL-4
ACEA E3, MIL-L-2104D
Allison C4
Cat TO-2
Ford M2C159-C / M2C134-D
John Deere J20C
Massey Ferguson CMS M1145 / M1144 / M1139
Massey Ferguson CMS M1143 / M1135
MB 227.1
NH 410B
ZF TE-ML 06B / 07B

Typical Standard Analyses

Density At 15 °C, Kg/m ³	888
Viscosity -25 °C, Mm ² /s	6000
Viscosity 40 °C, Mm ² /s	76.60
Viscosity 100 °C, Mm ² /s	10.50
Viscosity Index	122
Flash Point Coc, °C	229
Pour Point, °C	-36
Total Base Number, Mgkoh/g	11.3
Asid Number, mgKOH/g	-
Sulphate Ash, %	1.57
Hths, Mpa.s	3.29
Noock, %	12.0

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum



TRAK STO 10W-30

Trak STO 10W-30 is a multifunctional oil for use in agricultural and earth-moving machinery. The product is based on premium, mineral base oils with additives, to achieve the following properties:

- Powerful dispersion and detergency
- High resistance to wear, corrosion and foaming
- Very high resistance to oxidation
- Excellent EP properties
- A high and stable viscosity index

Application

Trak STO 10W-30 is a so-called STOU: Super Tractor Oil Universal. It is therefore suitable for use as a universal lubricant for:

- Petrol engines
- Diesel engines
- Transmissions, including wet brakes
- Hydraulic systems

Trak STO 10W-30 is suitable for all applications where one of the specifications below is required. This product can also be ideal for use in cases where a SAE 15W30 STOU is required.



Typical Standard Analyses

Density At 15 °C, Kg/m ³	876
Viscosity -25 °C, Mm ² /s	4730
Viscosity 40 °C, Mm ² /s	70.60
Viscosity 100 °C, Mm ² /s	11.40
Viscosity Index	154
Flash Point Coc, °C	228
Pour Point, °C	-33
Total Base Number, Mgkoh/g	11,3
Sulphate Ash, %	1.57
Hths, Mpa.s	3,14
Noock, %	12,7

Specifications

API SF/CG-4/GL-4
ACEA E3, MIL-L-2104D
Allison C4
Cat TO-2
Ford M2C159-C / M2C134-D
John Deere J27 / J20C
Massey Ferguson CMS M1145 /
M1144 / M1139
Massey Ferguson CMS M1143 /
M1135
MB 227.1
NH 410B
ZF TE-ML 06B / 07B

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum



AGRIS LSAPS EXTRA FC 5W-30

Agris Lsaps Extra Fc 5w-30 Is A Fuel Saving Low-saps Lubricant With The Following Properties:

- Very Powerful Detergency, Minimizing Deposits In The Hot Zone Of The Engine
- Very Strong Dispersion That Restricts The Formation Of Particles To A Minimum
- High And Stable Natural Viscosity Index
- Low Sulphated Ash, Phosphor And Sulphur Content (low-saps)
- Powerful Resistance Against Wear, Resulting In Strongly Reduced Wear Of Piston Rings And Cylinder-liners
- Lower Fuel Consumption

Application

Agris Lsaps Extra Fc 5w-30 Is Suitable For Egr Engines With Or Without Dpf (diesel Particulate Filter). This Low-saps Lubricant Is Recommended For Euro 4, Euro 5 And Euro 6 Engines In Combination With Diesel Fuel With A Low Sulphur Content. The Product Can Be Used Under The Toughest Operating Conditions All Year Round. Always Check The Product Recommendation Database For The Right Application.



Specifications

Acea E6, E7, E9
Api Ck-4/sn
Deutz Dqc Iv-18 La
Mack Eos-4.5
Renault Vi Rld-3
Scania Ldf-4
Volvo Vds-4.5
Cat Ecf-3
Cummins Ces 20086
Detroit Diesel Dfs 93k222
Ford Wss-m2c213-a
Jaso Dh-2
Man M 3775
Mb 228.31 / 228.51 / 228.52
Mtu Type 3.1
Daf Extended Drain / Iveco 18-1804 Tls E9

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density At 15 °c, Kg/m ³	859
Viscosity -30 °c, Mm ² /s	5860
Viscosity 40 °c, Mm ² /s	71.80
Viscosity 100 °c, Mm ² /s	12.10
Viscosity Index	162
Flash Point Coc, °c	216
Pour Point, °c	-42
Total Base Number, Mgcok/g	9.8
Sulphate Ash, %	0.89
Hths, Mpa.s	3.50
Noock, %	11.4



AGRIS LSAPS EXTRA 10W-40

Agris LSAPS Extra 10W-40 motor oil is based on high-quality Low-SAPS additives in combination with specially selected base oils. Contributes to low exhaust gas emissions and low particulate emissions, thereby extending the lifespan of catalytic converters and particulate filters. Meets the requirements of both European and North American automotive manufacturers and has the following properties:

- Meets or exceeds the requirements of the current low emission standards
- Excellent cold start properties
- Very good shear stability
- Improved resistance to oxidation
- Excellent dispersive properties that keep deposits and sludge to a minimum
- Excellent properties against wear, corrosion and foaming

Application

Agris LSAPS Extra 10W-40 is suitable for the latest, high-speed 4-stroke diesel engines and can be used in Euro 5 and Euro 6 engines with SCR exhaust systems and in Euro 3 and Euro 4 engines, if required by the manufacturer.



Specifications

ACEA E6, E7, E9
API CK-4
Mack EOS-4.5
Renault VI RLD-3
MB 228.51
Volvo VDS-4.5
Cat ECF-3
Cummins CES 20086
Detroit Diesel 93K222
Deutz DQC IV-18 LA
JASO DH-2
MAN M 3477 / M 3775
MB 228.52 / 228.31
MTU Type 3.1
DAF Extended Drain
Iveco 18-1804 TLS E9

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density At 15 °c, Kg/m ³	868
Viscosity -25 °c, Mm ² /s	6150
Viscosity 40 °c, Mm ² /s	98.00
Viscosity 100 °c, Mm ² /s	14.30
Viscosity Index	150
Flash Point Coc, °c	224
Pour Point, °c	-39
Total Base Number, Mgcok/g	9.8
Sulphate Ash, %	0.98
Hths, Mpa.s	4.00
Noock, %	10.7



AGRIS LSAPS 10W-40

Agris LSAPS 10W-40 is a very high-quality, synthetic motor oil specially developed for the latest generation of heavy-duty diesel engines in tractors and earth-moving machinery. Special Low SAPS additives technology, combined with top-quality base oils, ensures that this premium product provides the following benefits:

- A low sulfate ash, phosphorus and sulfur content, which makes this product suitable for use in engines fitted with an exhaust gas after-treatment device
- Reduced fuel consumption
- Excellent cleaning ability, as a result of which deposits, sludge and particle formation are kept to a minimum
- Superb protection against wear
- Excellent resistance to oxidation and corrosion

Application

Agris LSAPS is a premium Low SAPS motor oil suitable for use in the latest generation of diesel engines in agricultural vehicles and earth-moving machinery. Particularly suitable for use in clean Tier IIIb and Tier IIIa engines, whether or not equipped with an exhaust gas after-treatment device (particulate filter and/or SCR catalytic converter) and/or an EGR system. If the manufacturer so specifies, longer oil change intervals may be applied.



Specifications

ACEA E6, E7, E9
API CI-4
Deutz QOC IV-18 LA
Mack EO-N
MB 228.51
NATO-code O-1180, TL 9150-0107/4
Renault VI RLD-2
Volvo VDS-3
Cat ECF-1
Cummins CES 20076/20077
JASO DH-2
MAN M 3477 / M 3271-1
MTU Type 3.1
DAF Extended Drain
Iveco 18-1804 TLS E6
Renault VI RXD / RGD

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	866
Viscosity -25 °C, Mm ² /s	5810
Viscosity 40 °C, Mm ² /s	98.20
Viscosity 100 °C, Mm ² /s	14.70
Viscosity Index	156
Flash Point Coc, °C	246
Pour Point, °C	-36
Total Base Number, Mgkoh/g	10.2
Sulphate Ash, %	1.00
Hths, Mpa.s	4.01
Noack, %	9.0

AGRIS ME 10W-40

Agris ME 10W-40 is a premium synthetic motor oil specially developed for the latest generation of heavy-duty diesel engines in tractors and earth-moving machinery. Special Mid SAPS additive technology, combined with top-quality base oils, ensures that this premium product provides the following benefits:

- A low sulfate ash, phosphorus and sulfur content, which makes this product suitable for use in engines fitted with an exhaust gas after-treatment device
- Reduced fuel consumption
- Excellent cleaning ability, as a result of which deposits, sludge and particle formation are kept to a minimum
- Superb protection against wear
- Excellent resistance to oxidation and corrosion



Application

Agris ME 10W-40 is a premium Mid SAPS motor oil suitable for use in the latest generation of diesel engines in agricultural vehicles and earth-moving machinery. Particularly suitable for use in clean Tier IIIb and Tier IIIa engines, whether or not equipped with an exhaust gas after-treatment device (particulate filter and/or SCR catalytic converter) and/or an EGR system. If the manufacturer so specifies, longer oil change intervals may be applied.

Specifications

ACEA E9
API CK-4/SN
Cat ECF-3
Cummins CES 20086
Detroit Diesel 93K222
Deutz QOC III-18 LA
Ford WSS M2C171-F1
Mack EOS-4.5
MAN M 3775
MB 228.31
MTU Type 2.1
Renault VI RLD-3
Volvo VDS-4.5

Typical Standard Analyses

Density At 15 °C, Kg/m ³	868
Viscosity -25 °C, Mm ² /s	6530
Viscosity 40 °C, Mm ² /s	103
Viscosity 100 °C, Mm ² /s	15.00
Viscosity Index	152
Flash Point Coc, °C	226
Pour Point, °C	-39
Total Base Number, Mgkoh/g	8.1
Sulphate Ash, %	0.90
Hths, Mpa.s	4.32
Noack, %	9.9

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum



AGRID ME 15W-40

Agrid ME 15W-40 is a premium, mineral motor oil specially developed for the latest generation of heavy-duty diesel engines in tractors and earth-moving machinery. Special Mid SAPS additive technology, combined with top-quality base oils, ensures that this product provides the following benefits:

- A low sulfate ash, phosphorus and sulfur content, which makes this product suitable for use in engines fitted with an exhaust gas after-treatment device
- Excellent cleaning ability, as a result of which deposits, sludge and particle formation are kept to a minimum
- Superb protection against wear
- Excellent resistance to oxidation and corrosion

Application

Agrid ME 15W-40 is a high-grade Mid SAPS motor oil suitable for use in the latest generation of diesel engines in agricultural vehicles and earth-moving machinery. Particularly suitable for use in clean Tier IIb and Tier IIIa engines, whether or not equipped with an exhaust gas after-treatment device (particulate filter and/or SCR catalytic converter) and/or an EGR system. If the manufacturer so specifies, longer oil change intervals may be applied.



Specifications

ACEA E9
API CK-4/SN
Mack EOS-4.5
Renault VI RLD-3
Volvo VDS-4.5
Cat ECF-3
Cummins CES 20086
Detroit Diesel 93K222
Deutz QDC III-18 LA
Ford WSS M2C171-F1
MAN M 3775
MB 228.31
MTU Type 2.1

Typical Standard Analyses

Density At 15 °C, Kg/m ³	874
Viscosity -25 °C, Mm ² /s	6480
Viscosity 40 °C, Mm ² /s	113
Viscosity 100 °C, Mm ² /s	14,90
Viscosity Index	137
Flash Point Coc, °C	222
Pour Point, °C	-36
Total Base Number, Mgkoh/g	8,1
Sulphate Ash, %	0,90
Hths, Mpa.s	4,36
Noack, %	7,4

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

AGRISD PW 15W-40

Agrisd PW 15W-40 is a motor oil for the latest generation of diesel engines, based on premium solvent-refined and synthetic base oils, supplemented with carefully balanced additives. This achieves the following properties:

- Very powerful detergency, thereby reducing deposits in the hot zone of the engine to a minimum
- Very powerful dispersion, which acts to prevent formation of sediment and sludge
- Very resistant to corrosion and foaming
- A high and stable viscosity index
- A low ash content
- Highly effective against wear, resulting in reduced wear of piston rings and cylinder wall



Application

Agrisd PW 15W-40 is a modern, heavy-duty motor oil suitable for diesel engines with or without turbochargers that are used under the most severe operating conditions in all seasons. Agrisd PW 15W-40 has a high 'Total Base Number' and is therefore suitable for use with fuels with a relatively high sulfur content. It was specially developed as a premium Long Life motor oil for the new generation of agricultural vehicles, which are often fitted with modern Common Rail diesel engines.

Specifications

ACEA E7
API CI-4/SL
MB 228.3
Mack EO-N, Renault VI RLD-2
Volvo VDS-3
Cat ECF-1-a/ECF-2
Cummins CES 20077/20078
Detroit Diesel 93K215
Deutz QDC III-18
Global DHD-1
JASO DH-1
Mack EO-M Plus
MAN M 3275-1
MTU Type 2

Typical Standard Analyses

Density At 15 °C, Kg/m ³	872
Viscosity -25 °C, Mm ² /s	6300
Viscosity 40 °C, Mm ² /s	115
Viscosity 100 °C, Mm ² /s	15,10
Viscosity Index	136
Flash Point Coc, °C	230
Pour Point, °C	-36
Total Base Number, Mgkoh/g	11,1
Asid Number, mgKOH/g	4,33
Sulphate Ash, %	1,43
Hths, Mpa.s	4,20
Noack, %	6,6

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum



AGRILUB HT+

Agrilub HT+ is a modern, premium quality hydraulic transmission oil. The product is based on high-grade base oils and an advanced range of additives. A specially formulated universal hydraulic transmission oil for new generation. Agrilub HT+ has the following properties:

- A high and stable viscosity index
- Excellent resistance to mechanical stress
- Very low volatility, which means less oil evaporates during operation
- A very low pour point
- Excellent oxidation stability
- High thermal stability
- Superior EP and anti-wear properties
- Favourable friction properties and therefore suitable for systems with wet brakes
- Outstanding resistance to corrosion and foaming



Application

Agrilub HT+ is a high-grade universal tractor transmission oil (UTTO) of the latest generation. The product has been specially developed for high-load hydraulic and transmission systems found in the most common modern agricultural and earth-moving machinery, either with or without wet brakes. Agrilub HT+ is also excellent for use in certain continuously variable transmissions (CVT) found in agricultural and earth-moving machinery.

Specifications

API GL-4
Allison C4
Cat TO-2
Case MS 1210
CNH MAT 3540 / 3525
FNHA-2-C-200.00 / 201.00
Ford M2C86-C / M2C134-D
John Deere J20C/D
Massey Ferguson M1141 / M1143 / M1145
Valtra G2-08
Volvo WB 101 (97303)
ZF TE-ML 03E / 05F / 06K / 17E / 21F

Typical Standard Analyses

Density At 15 °C, Kg/m ³	868
Viscosity -25 °C, Mm ² /s	6220
Viscosity 40 °C, Mm ² /s	59.80
Viscosity 100 °C, Mm ² /s	9.58
Viscosity Index	143
Flash Point Coc, °C	235
Pour Point, °C	-45
Total Base Number, Mgkoh/g	6.4
Sulphate Ash, %	1.49
Hths, Mpa.s	
Noock, %	

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

AGRILUB ULTRA SYNTH

Agrilub Ultra Synth is a superior hydraulic transmission oil of the highest quality. Synthetic base oils with unique OSP technology combined with advanced, new generation additives offer the following advantages over conventional mineral UTTOs:

- Improved protection against shaft-wear, and a range of transmission and hydraulic systems
- Superior friction characteristics: fuel-saving and a guaranteed low noise and completely crack free operation of wet braking systems
- Very high thermal stability
- Outstanding 'Shear Stability'
- Low pour point and high viscosity index: optimal and hassle-free performance of all systems, regardless of the climatic conditions
- Improved and smoother gear-changing



Application

Agrilub Ultra Synth with unique OSP technology has been specially developed for very heavily loaded hydraulic and transmission systems of agricultural and earthmoving machines. During the development, extra attention was paid to an optimal friction control for the hassle-free and silent operation of wet brake systems on the one hand and fuel saving on the other. Fully compatible with modern friction materials and complies the Volvo WB 102 specification requirements.

Specifications

API GL-4
Allison C4
Case MS1207 / MS1209
Cat TO-2
John Deere J20A
Massey Ferguson M1141 / M1143 / M1145
Volvo WB 102 (97304)
ZF TE-ML 03E

Typical Standard Analyses

Density At 15 °C, Kg/m ³	856
Viscosity -25 °C, Mm ² /s	-
Viscosity 40 °C, Mm ² /s	37.20
Viscosity 100 °C, Mm ² /s	7.48
Viscosity Index	173
Flash Point Coc, °C	232
Pour Point, °C	-42
Total Base Number, Mgkoh/g	8.7
Asid Number, mgKOH/g	-
Sulphate Ash, %	-
Hths, Mpa.s	-
Noock, %	7.3
Brookfield -40 °C, mPa.s	12600

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

AGRIFLUB UTTO

Agrilub UTTO is a modern, universal hydraulic and transmission oil. The product is based on solvent-refined base oils, combined with additives. Agrilub UTTO features the following properties:

- A very high and stable viscosity index
- A very low pour point
- Excellent oxidation stability
- Effective 'Extreme Pressure' and wear resistance
- Suitable for systems with wet brakes
- Outstanding resistance to rust and corrosion



Application

Agrilub UTTO is a Universal Tractor Transmission Oil, developed specially for everyday operating conditions in the agricultural industry. This universal oil has been developed as a lubricant oil for the hydraulic and transmission systems of the most common agricultural and earth-moving machines.

Specifications

API GL-4
Allison C4
Case MS1206 / MS1207 / MS1209
Cat TO-2
CNH MAT 3525
Ford M2C134-D
John Deere J20C
Massey Ferguson M1141 / M1143
Volvo WB 101 (97303)
ZF TE-ML 03E / 05F / 06K

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	882
Viscosity -20 °C, Mm ² /s	3300
Viscosity 40 °C, Mm ² /s	52,00
Viscosity 100 °C, Mm ² /s	9,15
Viscosity Index	156
Flash Point Coc, °C	244
Pour Point, °C	-39
Total Base Number, Mgmoh/g	7,3
Sulphate Ash, %	1,19
Hths, Mpa.s	-
Noock, %	-

AGRILUB UHT

Agrilub UHT is a modern, universal hydraulic and transmission oil. It is based on solvent-refined base oils, combined with additives. Agrilub UHT features the following properties:

- A very high and stable viscosity index
- A very low pour point
- Excellent oxidation stability
- Effective 'Extreme Pressure' and wear resistance
- Suitable for systems with wet brakes
- Outstanding resistance to rust and corrosion

Application

Agrilub UHT is a UTTO (Universal Tractor Transmission Oil), developed specially for everyday operating conditions in the agricultural industry. This universal oil has been developed as a lubricant oil for the hydraulic and transmission systems of the most common agricultural and earth-moving machines.

Specifications

API GL-4
Allison C4
Case MS1206 / MS1207 / MS1209
Cat TO-2
Ford M2C134-D
John Deere J20C
Massey Ferguson M1135 / M1143
NH 410B
Volvo WB 101 (97303)
ZF TE-ML 03E / 05F / 06K

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	881
Viscosity -25 °C, Mm ² /s	6120
Viscosity 40 °C, Mm ² /s	62,60
Viscosity 100 °C, Mm ² /s	10,60
Viscosity Index	155
Flash Point Coc, °C	225
Pour Point, °C	-42
Total Base Number, Mgmoh/g	7,3
Sulphate Ash, %	1,19
Hths, Mpa.s	-
Noock, %	12,2
Brookfield -40 °C, mPa.s	>900000





CHAIN WK 100

Chain WK 100 is based on premium, low-aromatic base oils, supplemented with a special package of additives in order to achieve the following properties:

- Excellent adhesion to the chain, as a result of which oil does not fly off the chain
- Outstanding lubricating properties

Application

Chain WK 100 has been specially developed to lubricate the cutting chain on a chainsaw so that it will not jam or break. Please note: Chain WK 100 is NOT suitable for lubricating the drive engine.

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	875
Viscosity -25 °C, Mm ² /s	-
Viscosity 40 °C, Mm ² /s	100
Viscosity 100 °C, Mm ² /s	11,30
Viscosity Index	98
Flash Point Coc, °C	230
Pour Point, °C	-24
Total Base Number, Mgkoh/g	-
Sulphate Ash, %	-
Hths, Mpa.s	-
Noock, %	-



SUPERIOR FS 5W-40

Superior FS 5W-40 is a fully synthetic, superior performance 4-stroke engine oil for the latest generation of motorcycles. The product is based on premium synthetic base oils and special, advanced additives to achieve the following properties:

- Outstanding protection against wear even at extremely high or low temperatures
- Excellent lubrication under the most extreme operating conditions
- Low volatility, therefore resulting in minimal oil consumption
- Very limited internal friction for maximum engine performance
- A very high and stable viscosity index
- Outstanding cleaning properties, ensuring that the interior of the engine remains clean
- Ensures that gear-changing is both smooth and accurate
- Optimally functioning wet clutch



Application

Superior FS 5W-40 has been developed specifically for modern, high-tech, high to very high-powered motorcycles. This fully synthetic formula means that Superior FS 5W-40 offers superior lubrication, even at extremely high operating temperatures. This makes the product particularly suitable for use in sports and on the circuit, as well as when riding on normal roads.

Specifications

API SL
JASO MA2

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	845
Viscosity -30 °C, Mm ² /s	4200
Viscosity 40 °C, Mm ² /s	81.50
Viscosity 100 °C, Mm ² /s	14.00
Viscosity Index	167
Flash Point Coc, °C	220
Pour Point, °C	-45
Total Base Number, Mgkoh/g	7.7
Sulphate Ash, %	0.94
Hths, Mpa.s	3.76
Noack, %	-

SUPERIOR FS RR 5W-50

Superior FS 5W-50 is a fully synthetic, superior performance 4-stroke engine oil for the latest generation of motorcycles. Expulsa RR 5W-50 is based on premium synthetic base oils and advanced special additives to achieve the following properties:

- Outstanding protection against wear even at extremely high or low temperatures
- Excellent lubrication under the most extreme operating conditions
- A low volatility, therefore resulting in minimal oil consumption
- Very limited internal friction for maximum engine performance
- A very high and stable viscosity index
- Outstanding cleaning properties, ensuring that the interior of the engine remains clean
- Ensures that gear-changing is both smooth and accurate
- Optimally functioning wet clutch

Application

Superior FS 5W-50 has been developed specifically for modern, high-tech, high to very high-powered motorcycles. This fully synthetic formula means that Superior FS 5W-50 offers superior lubrication, even at extremely high operating temperatures. This makes the product particularly suitable for use in sports and on the circuit, as well as when riding on normal roads.

Specifications

API SL
JASO MA2

Typical Standard Analyses

Density At 15 °C, Kg/m ³	845
Viscosity -30 °C, Mm ² /s	6000
Viscosity 40 °C, Mm ² /s	113.00
Viscosity 100 °C, Mm ² /s	18.00
Viscosity Index	171
Flash Point Coc, °C	232
Pour Point, °C	-42
Total Base Number, Mgkoh/g	7.7
Asid Number, mgKOH/g	-
Sulphate Ash, %	0.94
Hths, Mpa.s	4.52
Noack, %	-

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum





SUPERIOR FS 10W-40

Expulsa RR 10W-40 is a fully synthetic, superior performance 4-stroke engine oil for the latest generation of motorcycles. The product has been formulated using premium, synthetic base oils,

combined with special, advanced additives. The product has the following properties:

- Outstanding protection against wear even at extremely high or low temperatures
- Excellent lubrication under the most extreme operating conditions
- A low volatility, therefore resulting in minimal oil consumption
- Very limited internal friction for maximum engine performance
- A very high and stable viscosity index
- Outstanding cleaning properties, ensuring that the interior of the engine remains clean
- Ensures that gear-changing is both smooth and accurate
- Optimally functioning wet clutch



Application

Superior FS 10W-40 has been developed specifically for modern, high-tech, high to very high-powered motorcycles. This fully synthetic formula means that the product offers superior lubrication, even under extremely high operating temperatures. This makes Superior FS 10W-40 particularly suitable for use in sports and on the circuit, as well as when riding on normal roads.

Specifications

API SL
JASO MA2

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	846
Viscosity -25 °C, Mm ² /s	2580
Viscosity 40 °C, Mm ² /s	90.50
Viscosity 100 °C, Mm ² /s	14.40
Viscosity Index	165
Flash Point Coc, °C	236
Pour Point, °C	-45
Total Base Number, Mgkoh/g	7.7
Sulphate Ash, %	0.94
Hths, Mpa.s	3.91
Noock, %	-

SUPERIOR FS 10W-40

Superior FS 10W-40 is a semi-synthetic engine oil especially for use in all heavy-duty 4-stroke motorcycles. Its unique formula was designed in partnership with Honda, Suzuki, Kawasaki and Yamaha, in line with the very latest technologies. These leading manufacturers always recommend motor oil specifically developed as a motorcycle oil. A mix of premium synthetic and mineral base oils provides the product with the following features:

- High resistance to wear, corrosion and foaming
- Long replacement intervals
- A very strong lubricating film, even at extremely high operating temperatures
- Minimal ash deposits
- A smooth cold start is possible
- Low oil consumption
- Excellent dispersion and detergency

Application

Expulsa 10W-40 is specially made for use in all 4-stroke motorcycles, including European models, whether or not fitted with a wet clutch. The product is also suitable for motorcycles with the latest catalyst technologies. Special attention has been paid to achieving maximum friction in the clutch, even under very high oil temperatures, so that gear changing is as quiet as possible when the engine's operating temperature has not yet been reached.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	868
Viscosity -25 °C, Mm ² /s	3200
Viscosity 40 °C, Mm ² /s	85.60
Viscosity 100 °C, Mm ² /s	14.00
Viscosity Index	168
Flash Point Coc, °C	218
Pour Point, °C	-33
Total Base Number, Mgkoh/g	7.7
Asid Number, mgKOH/g	-
Sulphate Ash, %	0.94
Hths, Mpa.s	3.56
Noock, %	12.2

Specifications

API SL
JASO MA2



Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum



SUPERIOR FS 15W-50

Superior FS 15W-50 is a fully synthetic, superior-performance 4-stroke engine oil for the latest generation of motorcycles. Superior FS 15W-50 is based on premium synthetic base oils and advanced special additives to achieve the following properties:

- Outstanding protection against wear even at extremely high or low temperatures
- Excellent lubrication under the most extreme operating conditions
- A low volatility, therefore resulting in minimal oil consumption
- Very limited internal friction for maximum engine performance
- A very high and stable viscosity index
- Outstanding cleaning properties, ensuring that the interior of the engine remains clean
- Ensures that gear-changing is both smooth and accurate
- Optimally functioning wet clutch



Application

Expulsa RR 15W-50 has been developed specifically for modern, high-tech, high to very high-powered motorcycles. This fully synthetic formula means that Expulsa RR 15W-50 offers superior lubrication, even at extremely high operating temperatures. This makes Expulsa RR 15W-50 particularly suitable for use in sports, both on the street and on the circuit.

Specifications

API SL

JASO MA2

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	845
Viscosity -20 °C, Mm ² /s	4000
Viscosity 40 °C, Mm ² /s	111.30
Viscosity 100 °C, Mm ² /s	17,10
Viscosity Index	168
Flash Point Coc, °C	218
Pour Point, °C	-45
Total Base Number, Mgkoh/g	7,7
Sulphate Ash, %	0,94
Hths, Mpa.s	4,58
Noack, %	6,7



SUPERIOR - FORCEFULL

Forcefull is a 2-stroke (petrol) motor oil that is semi-synthetic. It is supplemented with special additives to achieve the following properties:

- Outstanding lubrication of all engine parts thanks to effective adhesion: wear is reduced and the service life of the engine is extended
- Powerful detergency, as a result of which the combustion chamber and the exhaust ports remain clear of deposits, even at high temperatures
- Almost complete combustion so that the spark plugs remain clean, ensuring optimal performance of the engine
- Excellent resistance to corrosion and wear
- Limited formation of smoke and odour
- Can also be mixed with unleaded petrol



Application

Forcefull semi-synthetic motor oil is suitable for high speed and heavy-duty, air-cooled 2-stroke engines in mopeds, motorcycles, scooters, chainsaws, lawnmowers, generators, etc. It is also suitable for 2-stroke engines with water cooling. Can be used as a self-mixing product, or in automatic lubrication systems. Mixing ratio: 1 part oil to 50 parts fuel or use the mixing ratio recommended by the manufacturer.

Specifications

API TC
JASO FD
Global GD
Husqvarna 272
ISO-L-EGD
2-Stroke DFI

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Weisskopf

Typical Standard Analyses

Density At 15 °C, Kg/m ³	872
Viscosity -30 °C, Mm ² /s	-
Viscosity 40 °C, Mm ² /s	64,60
Viscosity 100 °C, Mm ² /s	9,50
Viscosity Index	129
Flash Point PM °C	100
Flash Point Coc, °C	116
Pour Point, °C	-24
Total Base Number, Mgkoh/g	1,4
Acid Number mgKOH/g	0,50
Sulphate Ash, %	0,14

SUPERIOR FS - ROBUST

Robust is a 2-stroke motor oil that is 100% synthetic. Special 2-stroke additives provide the product with the following properties:

- Outstanding lubrication of all engine parts thanks to effective adhesion. Wear is reduced and the service life of the engine is extended
- Powerful detergency, the combustion chamber and the exhaust ports remain clear of deposits, even at high temperatures
- Almost complete combustion, the spark plugs remain clean, ensuring optimal performance of the engine
- Excellent resistance to corrosion and wear
- Limited formation of smoke and odour
- Can also be mixed with unleaded petrol

for performance



Application

Robust is suitable for high speed, heavy-duty air-cooled 2-stroke engines in mopeds, motorcycles, scooters, chainsaws, lawnmowers, etc. Also suitable for 2-stroke engines with water cooling (radiator cooling). Robust is often used at a mixing ratio of 1 part oil to 50 parts fuel, or the mixing ratio required by the engine manufacturer. Tornado is a fully-synthetic self-mixing motor oil that may also be used in automatic lubrication systems.

Specifications

API TC
JASO FD
Husqvarna
ISO-L-EGD
Piaggio Hexagon

Typical Standard Analyses

Density At 15 °C, Kg/m ³	878
Viscosity -25 °C, Mm ² /s	-
Viscosity 40 °C, Mm ² /s	70,50
Viscosity 100 °C, Mm ² /s	11,00
Viscosity Index	147
Flash Point Coc, °C	78
Pour Point, °C	-45
Total Base Number, Mgkoh/g	2,9
Acid Number, mgKOH/g	-
Sulphate Ash, %	0,12
Hths, Mpa.s	-
Noock, %	-

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

www.weisskopf.com.tr



SUPERIOR TS PREMIUM

Superior Ts Premium is a 2-stroke motor oil based on carefully selected premium base oils. It is supplemented with special, 2-stroke additives to achieve the following properties:

- The lubrication of all engine parts
- Powerful detergency, as a result of which the combustion chamber and the exhaust ports remain clear of deposits
- The spark plug remains clean, ensuring optimal performance of the engine
- Excellent resistance to corrosion and wear
- Limited smoke formation



Application

Superior Ts Premium is particularly suitable for engines that operate under normal conditions. The product is also suitable for 2-stroke engines with water cooling, also known as radiator cooling. Superior Ts Premium is self-mixing and is used at a mixing ratio of 1 part oil to 50 parts fuel, or the mixing ratio required by the engine manufacturer.

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Specifications

API TC

Typical Standard Analyses

Density At 15 °C, Kg/m ³	889
Viscosity -30 °C, Mm ² /s	-
Viscosity 40 °C, Mm ² /s	67,40
Viscosity 100 °C, Mm ² /s	9,50
Viscosity Index	115
Flash Point PM °C	118
Flash Point Coc, °C	152
Pour Point, °C	-18
Total Base Number, Mgkoh/g	0,9
Sulphate Ash, %	0,09

SUPERIOR SS SCOTER

Superior SS Scooter is a semi-synthetic 2-stroke scooter (petrol) motor oil. It is supplemented with specially-developed additives to achieve the following properties:

- Excellent lubrication of all engine parts: wear is effectively prevented and the service life of the engine is considerably extended
- High detergency: the combustion chamber and the exhaust port(s) remain clear of deposits
- Engine performance can be maintained for a long time
- Almost complete combustion: the environment is not harmed and the spark plug(s) remain clean
- Excellent resistance to corrosion and wear
- Limited formation of smoke and odour
- Specifically designed to be mixed with unleaded (Euro 95 recommended) petrol

Application

Superior SS Scooter has been developed specifically for high speed and heavy-duty (air or water-cooled) 2-stroke scooter engines. Furthermore, the product can be successfully used in other 2-stroke engines such as motorcycles, chainsaws and generators. For the best result, mix 1 part Superior SS Scooter to 50 parts unleaded petrol or use the mixing ratio recommended by the manufacturer. Scoosynth is a self-mixing, semi-synthetic 2-stroke motor oil that is also suitable for automatic lubrication systems.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	872
Viscosity -25 °C, Mm ² /s	-
Viscosity 40 °C, Mm ² /s	64,60
Viscosity 100 °C, Mm ² /s	9,50
Viscosity Index	129
Flash Point PM °C	100
Flash Point Coc, °C	116
Pour Point, °C	-24
Total Base Number, Mgkoh/g	1,4
Asid Number, mgKOH/g	0,50
Sulphate Ash, %	0,14

Specifications

API TC
JASO FD
Global GD
Husqvarna 272
ISO-L-EGD
2-Stroke DFI



Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum



ATF UNIVERSAL

ATF Universal is a special transmission oil formulated from solvent-refined base oils. It is supplemented with additives to achieve the following properties:

- Excellent oxidation stability
- Good resistance to corrosion and foaming
- A low pour point

Application

ATF Universal Puch/Tomos is suitable for the automatic transmissions of Puch and Tomos mopeds.

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Specifications

API SL
JASO MA2

Typical Standard Analyses

Density At 15 °C, Kg/m ³	859
Viscosity -30 °C, Mm ² /s	-
Viscosity 40 °C, Mm ² /s	36,50
Viscosity 100 °C, Mm ² /s	7,50
Viscosity Index	162
Flash Point Coc, °C	225
Pour Point, °C	-48
Total Base Number, Mgkoh/g	0,9
Sulphate Ash, %	0,18
Hths, Mpa.s	-
Brookfield -40 °C, mPa.s	25690

SCOOTER GEAR 75W-90

Scoter Gear 75W-90 is an extremely modern, synthetic transmission oil specially developed for scooters. By using low-viscosity, synthetic base oils combined with advanced additives, the following properties are achieved:

- Good 'Extreme Pressure' properties provide extra protection against wear
- Excellent resistance to high operating temperatures, which ensures a longer service life of the oil
- Ensures outstanding gear-changing, even at extremely high or low temperatures
- Prevents foaming

Application

Scoter Gear 75W-90 has been specially developed for optimal use in most heavy-duty transmissions in the current generation of scooters.

Specifications

API GL-5

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	872
Viscosity -25 °C, Mm ² /s	-
Viscosity 40 °C, Mm ² /s	80,90
Viscosity 100 °C, Mm ² /s	14,80
Viscosity Index	192
Flash Point Coc, °C	190
Pour Point, °C	-45
Total Base Number, Mgkoh/g	-
Asid Number, mgKOH/g	-
Sulphate Ash, %	-
Hths, Mpa.s	-
Brookfield -40 °C, mPa.s	69600

TORK OIL WK5

Tork Oil WK5 is a premium fork oil based on carefully selected base oils and special additives to achieve the following properties:

- A high viscosity index, which ensures constant and reliable handling in any weather
- Excellent air-release and resistance to foaming, which ensures a constant performance level, whatever the operating conditions
- Excellent protection against wear, which ensures a long service life
- Optimal protection against corrosion
- Does not affect synthetic seals
- A low pour point

Application

Tork Oil WK5 has been specially developed for use in front forks and shock absorbers on motorcycles. Suitable for use in road bikes, off-road motorcycles and motorcycles used for racing.



Typical Standard Analyses

Density At 15 °C, Kg/m ³	880
Viscosity 20 °C, mm ² /s	50,20
Viscosity 40 °C, mm ² /s	22,20
Viscosity 100 °C, mm ² /s	5
Viscosity Index	150
Flash Point Coc, °C	174
Pour Point, °C	-54

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

TORK OIL WK10

Tork Oil WK10 is a premium fork oil based on carefully selected base oils and special additives to achieve the following properties:

- A high viscosity index, which ensures constant and reliable handling in any weather
- Excellent air-release and resistance to foaming, which ensures a constant performance level, whatever the operating conditions
- Excellent protection against wear, which ensures a long service life
- Optimal protection against corrosion
- Does not affect synthetic seals
- A low pour point

Application

Tork Oil WK10 has been specially developed for use in front forks and shock absorbers on motorcycles. Suitable for use in road bikes, off-road motorcycles and motorcycles used for racing.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	886
Viscosity -25 °C, mm ² /s	50,90
Viscosity 20 °C, mm ² /s	131,00
Viscosity 40 °C, mm ² /s	50,80
Viscosity 100 °C, mm ² /s	8,70
Viscosity Index	158
Flash Point COC, °C	204
Pour Point, °C	-39

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

PREMIUM EMW FLUID

Emtor is an emulsifiable metal processing oil, based on a mineral oil supplemented with premium emulsifiers and a range of additives. If the product is added to water, the following properties are achieved:

- A stable, milky emulsion
- Effective protection against corrosion
- Limited tendency to form foam

Application

10% Premium EMW Fluid: Add 1 part Premium EMW Fluid to 9 parts water, stir thoroughly. Provides an effective cutting fluid for drilling, turning and sawing normal commercial steels.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	903
Viscosity 40 °C, mm ² /s	41,10
Viscosity 100 °C, mm ² /s	6,21
Viscosity Index	-
Flash Point Coc, °C	202
Pour Point, °C	-18
Total Base Number, mgkoh/g	11,3
Refractive Index, 20 °C	1,481

Specifications

Herbert Corrosiontest IP 125 (10%): 0/0-0

Under certain circumstances, it may be necessary to add extra bactericide to the system after some time. Contact Technical Services if necessary. Please note! Store the product in an environment that is free of frost and use within one year as its stability will deteriorate thereafter.

FLUID MEC WK-160

Fluid MEC WK-160 is a mineral, emulsifiable cutting fluid for machining ferrous and non-ferrous metals. Partly synthetic additives ensure that when mixed with water, Fluid MEC WK-160 forms a fine dispersion emulsion with high stability. Provided that Fluid MEC WK-160 is used in the correct manner, the product will achieve the following properties:

- Free of chlorine, nitrite, PCB, PCT, amines and boric acid
- Extremely finely dispersed, highly stable emulsion
- Good corrosion protection
- Good 'Extreme Pressure' properties
- Does not affect paint, provided that 2-component machine paints are used
- Dermatologically tested, effective protection against skin complaints.

Application

Fluid MEC WK-160 can be used universally for machining a range of metals. It can be used to outstanding effect for turning, drilling, milling and grinding steel and aluminium alloys.

Storage

Protect against frost, heat and direct sunlight. Recommended temperature for storage and transport: 5 - 40°C.

Mixing ratio (refractometer factor 0.9):

Aluminium alloys and steel: from 1:20

Cast iron: from 1:16

Typical Standard Analyses

Density At 15 °C, Kg/m ³	960
Viscosity 20 °C, mm ² /s	160

FLUID SEC WK-250

Fluid SEC WK-250 is a semi-synthetic, emulsifiable cutting fluid for the universal machining of metals. Special additives ensure that when mixed with water, Fluid SEC WK-250 forms a fine-dispersion, fluorescent emulsion that is highly stable. If the Fluid SEC WK-250 is used in the correct manner, the product will achieve the following properties:

- Chlorine, nitrite, PCB and PCT-free
- Extremely finely dispersed, highly stable emulsion
- Good corrosion protection
- 'Extreme Pressure' properties
- Does not affect paint, provided that 2-component machine paints are used
- Dermatologically tested, effective protection against skin complaints
- Long emulsion service life possible, which requires minimal maintenance



Application

Fluid SEC WK-250 is ideally suited for turning, drilling, milling and grinding different types of metal such as: steel, cast iron, stainless steel, and copper and aluminium alloys.

Storage

Protect against frost, heat and direct sunlight. Recommended temperature for storage and transport: 5 - 40°C.

Mixing ratio (refractometer factor 1.0):

Steel and non-ferrous metals: from 1:25

Cast iron and high-tensile steel: from 1:20

Aluminium alloys: 1:20

Typical Standard Analyses

Density At 15 °C, Kg/m ³	970
Viscosity 20 °C, mm ² /s	250,10
Flash Point Coc, °C	120
Refractive Index, 20 °C	1,466

FLUID MWF 5550

Fluid MWF 5550 is a honing oil, based on refined High Grade base oils. The product is supplemented with selected anti-mist, polar and chemical 'anti-weld' additives. Together with effective evaporation, Fluid MWF 5550 contributes to an improvement in the working environment during its entire service life. Thanks to its special formulation, Fluid MWF 5550 achieves the following properties:

- Chlorine-free
- Low aromatic content
- Low formation of oil mist
- Does not affect machine varnishes and seals
- A low level of evaporation
- Good EP properties
- High penetrating and cleaning ability
- Good surface finish
- Can be used with all other Kroon-Oil machine oils



Application

Fluid MWF 5550 is used undiluted for the honing and lapping of cast-iron and short-chipping, tough, cemented steels. Fluid MWF 5550 can also be used for machining light metals and glass at high cutting speeds and when sharpening tools using diamond discs.

Specifications

Herbert Corrosiontest IP 125 (10%): 0/0-0

Typical Standard Analyses

Density At 15 °C, Kg/m ³	836
Viscosity 40 °C, mm ² /s	5,55
Viscosity 100 °C, mm ² /s	1,70
Flash Point Coc, °C	130
Pour Point, °C	-24
Total Base Number, mgkoh/g	14,0
Acid Number, mgKOH/g	0,03

FLUID MWF 3230

Fluid MWF 3230 is a cutting oil, based on refined High Grade mineral base oils. The product is supplemented with selected anti-mist, polar and chemical 'Extreme Pressure' additives. Together with effective evaporation, Fluid MWF 3230 contributes to an improvement in the working environment during its entire service life. Thanks to its special formulation, Fluid MWF 3250 achieves the following properties:

- Chlorine-free
- Outstanding EP properties
- Good air-release and resistance to foaming
- Does not affect machine varnishes and seals
- Low aromatic content
- Low formation of oil mist
- A low level of evaporation
- Good surface finish
- Can be used with all other Kroon-Oil machine oils

Application

Fluid MWF 3230 is a multipurpose oil used for the processing of higher-tensile strength free-cutting steel, as well as of bright (non-ferrous) and light metals. Furthermore, this oil has outstanding properties in relation to surface, wire, and ball grinding. The universal character of Fluid MWF 3230 means that it can be used as a machine oil for transmissions and the hydraulic system.



Typical Standard Analyses

Density At 15 °C, Kg/m ³	876
Viscosity 40 °C, mm ² /s	32,30
Viscosity 100 °C, mm ² /s	5,61
Viscosity Index	112
Flash Point Coc, °C	224
Pour Point, °C	-12
Total Base Number, mgkoh/g	0,3
Acid Number, mgKOH/g	1,56

FLUID MWF 3150

Fluid MWF 3150 is a cutting oil based on refined High Grade base oils, supplemented with selected anti-mist, polar and chemically active 'anti weld' additives. Together with effective evaporation, Fluid MWF 3150 contributes to an improvement in the working environment during its entire service life. Thanks to its special formulation, Fluid MWF 3150 achieves the following properties:

- Chlorine-free
- Good 'Extreme Pressure' properties
- Does not affect machine varnishes and seals
- Low aromatic content
- Low formation of oil mist
- A low level of evaporation
- Good surface finish
- Can be used with all other Kroon-Oil machine oils



Application

Espadon ZC-3300 is a cutting oil used for processing carbon and low-alloy steels in a wide range of heavy machining processes in automatic processing centres. Furthermore, Fluid MWF 3150 can be used for cutting and grinding gear wheels and threaded spindles.

Please note!

Discolouration may occur when processing non-ferrous metals.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	876
Viscosity 40 °C, mm ² /s	31,50
Viscosity 100 °C, mm ² /s	5,36
Viscosity Index	103
Flash Point Coc, °C	202
Pour Point, °C	-12
Total Base Number, mgkoh/g	0,1
Acid Number, mgKOH/g	0,34

FLUID MWF 2120

Fluid MWF 2120 is a cutting oil based on refined High Grade base oils, supplemented with selected anti-mist, polar and chemically active 'anti weld' additives. Together with effective evaporation, Fluid MWF 2120 contributes to an improvement in the working environment during its entire service life. Thanks to its special formulation, Fluid MWF 2120 achieves the following properties:

- Chlorine-free
- Extremely good EP properties
- Does not affect machine varnishes and seals
- Low aromatic content
- Low formation of oil mist
- A low level of evaporation
- Good surface finish
- Can be used with all other Kroon-Oil machine oils

Application

Fluid MWF 2120 is a heavy-duty cutting oil suitable for use in machining high-alloy, stainless, acid and heat-resistant austenitic steels that are very difficult to machine. It has proven its worth in the machining of types of steel that are prone to smearing, meaning that build-ups can form on the cutting edges. The product can be used in the cutting and shaping of gear wheels and the tapping of threaded spindles.

N.B. Discolouration may occur when processing non-ferrous metals.



Typical Standard Analyses

Density At 15 °C, Kg/m ³	884
Viscosity 40 °C, mm ² /s	21,20
Viscosity 100 °C, mm ² /s	4,18
Viscosity Index	98
Flash Point Coc, °C	182
Pour Point, °C	-15
Total Base Number, mgkoh/g	1,0
Acid Number, mgKOH/g	0,77

LUBRI MTG 100

Lubri MTG 100 is a premium, industrial transmission oil. The product is based on mineral oil, supplemented with unleaded 'Extreme Pressure' additives. Abacot Lubri MTG 100 features the following properties:

- Excellent resistance to high pressures and shock loads
- Effective resistance to high temperatures
- Effective against rust and corrosion
- Outstanding wear resistance
- Excellent resistance to foaming
- A low pour point

Application

Abacot Lubri MTG 100 can be used for the lubrication of nearly all types of industrial gear transmissions that are subject to heavy and/or shock loads.

Specifications

AGMA 9005-F16 (AS)
AIST (US Steel) 224
David Brown S1.53.101 E
DIN 51517-3 CLP
ISO 12925-1 Type CKD



Typical Standard Analyses

Density At 15 °C, Kg/m ³	879
Viscosity 40 °C, mm ² /s	100
Viscosity 100 °C, mm ² /s	11
Viscosity Index	96
Flash Point Coc, °C	235
Pour Point, °C	-24
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	0,54

LUBRI MTG 150

Lubri MTG 150 is a premium, industrial transmission oil. The product is based on mineral oil, supplemented with unleaded 'Extreme Pressure' additives.

Abacot Lubri MTG 150 features the following properties:

- Excellent resistance to high pressures and shock loads
- Effective resistance to high temperatures
- Effective against rust and corrosion
- Outstanding wear resistance
- Excellent resistance to foaming
- A low pour point

Application

Abacot Lubri MTG 150 can be used for the lubrication of nearly all types of industrial gear transmissions that are subject to heavy and/or shock loads.

Specifications

AGMA 9005-F16 (AS)
AIST (US Steel) 224
David Brown S1.53.101 E
DIN 51517-3 CLP
ISO 12925-1 Type CKD



Typical Standard Analyses

Density At 15 °C, Kg/m ³	887
Viscosity 40 °C, mm ² /s	150
Viscosity 100 °C, mm ² /s	14,60
Viscosity Index	95
Flash Point Coc, °C	245
Pour Point, °C	-21
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	0,54

LUBRI STG 150

Lubri STG 150 is a fully synthetic transmission oil based on premium polyalphaolefin (PAO) base oils. It is supplemented with special additives to achieve the following properties:

- Naturally high viscosity index
- Excellent high- and low-temperature properties
- Excellent resistance to high pressures and shock loads
- Effective protection against micro pitting
- Very high resistance to corrosion and oxidation
- Long service life
- Substantial reduction in friction losses

Application

Lubri STG 150 is particularly suitable for the lubrication of heavy-duty mechanical transmissions and bearing systems with a high thermal load. Compared with mineral transmission oil, the oil change interval can be significantly extended. This oil can easily be mixed with mineral transmission oil, meaning that switching from mineral transmission oil to

Lubri STG 150 does not require a specialised procedure.

Specifications

AGMA 9005-F16 (AS)
AIST (US Steel) 224
David Brown S1.53.106
DIN 51517-3 CLP
ISO 12925-1 Type CKD

Typical Standard Analyses

Density At 15 °C, Kg/m ³	851
Viscosity 40 °C, mm ² /s	150
Viscosity 100 °C, mm ² /s	22
Viscosity Index	171
Flash Point Coc, °C	209
Pour Point, °C	-45
Total Base Number, mgkoh/g	0,80
Acid Number, mgKOH/g	450

LUBRI MTG 220

Lubri MTG 220 is a premium, industrial transmission oil. The product is based on mineral oil, supplemented with unleaded 'Extreme Pressure' additives. Lubri MTG 220 features the following properties:

- Excellent resistance to high pressures and shock loads
- Effective resistance to high temperatures
- Effective against rust and corrosion
- Outstanding wear resistance
- Excellent resistance to foaming
- A low pour point

Application

Lubri MTG 220 can be used for the lubrication of nearly all types of industrial gear transmissions, that are subject to heavy and/or shock loads.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	893
Viscosity 40 °C, mm ² /s	220
Viscosity 100 °C, mm ² /s	18,10
Viscosity Index	95
Flash Point Coc, °C	245
Pour Point, °C	-18
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	0,54

Specifications

AGMA 9005-F16 (AS)
AIST (US Steel) 224
David Brown S1.53.101 E
DIN 51517-3 CLP
ISO 12925-1 Type CKD

LUBRI PREMIUM ST 220

Lubri Premium ST 220 is a fully synthetic transmission oil based on premium polyalphaolefin (PAO) base oils. It is supplemented with special additives to achieve the following properties:

- Naturally high viscosity index
- Excellent high- and low-temperature properties
- Excellent resistance to high pressures and shock loads
- Effective protection against micro pitting
- Very high resistance to corrosion and oxidation
- Long service life
- Substantial reduction in friction losses



Application

Lubri Premium ST 220 is particularly suitable for the lubrication of heavy-duty mechanical transmissions and bearing systems with a high thermal load. Compared with mineral transmission oil, the oil change interval can be significantly extended. This oil can easily be mixed with mineral transmission oil, meaning that switching from mineral transmission oil to Lubri Premium ST 220 does not require a specialised procedure.

Specifications

AGMA 9005-F16 (AS)
AIST (US Steel) 224
David Brown S1.53.106
DIN 51517-3 CLP
Flender
ISO 12925-1 Type CKD

Typical Standard Analyses

Density At 15 °C, Kg/m ³	854
Viscosity 40 °C, mm ² /s	220
Viscosity 100 °C, mm ² /s	29,10
Viscosity Index	172
Flash Point Coc, °C	258
Pour Point, °C	-45
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	0,61

LUBRI HEAVY STG 220

Lubri Heavy STG 220 is specially developed for heavy-duty gear and worm wheel transmissions. The product is based on synthetic raw materials formulated from polyglycols. It is supplemented with a carefully balanced additive package that provides the product with the following properties:

- Effective protection against 'grinding wear', as a result of which the oil is also suitable for heavy-duty transmissions
- Very high resistance to oxidation, as a result of which no deposits form and a long service life is ensured
- Strong reduction in friction loss, which create high performance and lower oil temperatures
- Extreme high viscosity index, which ensures a good lubricant film at high temperatures
- Very high resistance to wear, corrosion and foaming

Application

Lubri Heavy STG 220 is highly suited to (heavy-duty) worm wheels and other mechanical transmissions. In comparison with mineral lubricants, a considerable extension of the oil change interval is possible. Can be used in temperatures of up to 170°C. Not suitable for mixing with most other lubricants. When using Lubri Heavy STG 220, replace the lubricants in the entire system and only apply to the places in which polyglycol-based lubricants are permitted.



Typical Standard Analyses

Density At 15 °C, Kg/m ³	1066
Viscosity 40 °C, mm ² /s	220
Viscosity 100 °C, mm ² /s	34,30
Viscosity Index	204
Flash Point Coc, °C	268
Pour Point, °C	-39
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

Specifications

DIN 51517-3 CLP
FZG >12

LUBRI MTG 320

Lubri MTG 320 is a premium, industrial transmission oil. The product is based on mineral oil, supplemented with unleaded 'Extreme Pressure' additives. Lubri MTG 320 features the following properties:

- Excellent resistance to high pressures and shock loads
- Effective resistance to high temperatures
- Effective against rust and corrosion
- Outstanding wear resistance
- Excellent resistance to foaming
- A low pour point

Application

Lubri MTG 320 can be used for the lubrication of nearly all types of industrial gear transmissions that are subject to heavy and/or shock loads.

Specifications

AGMA 9005-F16 (AS)
AIST (US Steel) 224
David Brown S1.53.101 E
DIN 51517-3 CLP
ISO 12925-1 Type CKD

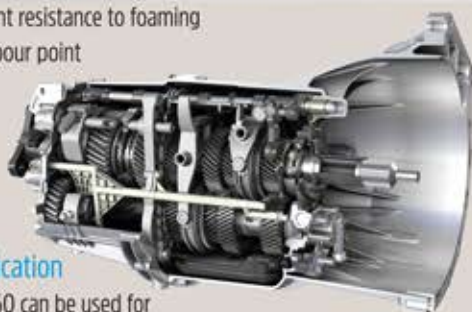
Typical Standard Analyses

Density At 15 °C, Kg/m ³	901
Viscosity 40 °C, mm ² /s	320
Viscosity 100 °C, mm ² /s	24.00
Viscosity Index	95
Flash Point Coc, °C	248
Pour Point, °C	-15
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	0,54

LUBRI MTG 460

Lubri MTG 460 is a premium, industrial transmission oil. The product is based on mineral oil, supplemented with unleaded 'Extreme Pressure' additives. Lubri MTG 460 features the following properties:

- Excellent resistance to high pressures and shock loads
- Effective resistance to high temperatures
- Effective against rust and corrosion
- Outstanding wear resistance
- Excellent resistance to foaming
- A low pour point



Application

Lubri MTG 460 can be used for the lubrication of nearly all types of industrial gear transmissions that are subject to heavy and/or shock loads.

Specifications

AGMA 9005-F16 (AS)
AIST (US Steel) 224
David Brown S1.53.101 E
DIN 51517-3 CLP
ISO 12925-1 Type CKD

Typical Standard Analyses

Density At 15 °C, Kg/m ³	905
Viscosity 40 °C, mm ² /s	460
Viscosity 100 °C, mm ² /s	30.50
Viscosity Index	95
Flash Point Coc, °C	255
Pour Point, °C	-12
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	0,54

LUBRI MTG 693

Lubri MTG 693 is a premium, industrial transmission oil. The product is based on mineral oil, supplemented with unleaded 'Extreme Pressure' additives.

Lubri MTG 693 features the following properties:

- Excellent resistance to high pressures and shock loads
- Effective resistance to high temperatures
- Effective against rust and corrosion
- Outstanding wear resistance
- Excellent resistance to foaming
- A low pour point

Application

Lubri MTG 693 can be used for the lubrication of nearly all types of industrial, gear transmissions that are subject to heavy and/or shock loads.

Specifications

AGMA 9005-F16 (AS)	
AIST (US Steel) 224	
David Brown S1.53.101 E	
DIN 51517-3 CLP	
ISO 12925-1 Type CKD	



COMP HGS 46

Comp HGS 46 is a high-grade, fully synthetic, Long Life oil for oil-injected rotary vane compressors and rotary-screw compressors. It is composed of specially selected, synthetic PAO base oils and advanced additives to achieve the following properties:

- Low oil consumption due to low volatility
- Highly stable against oxidation
- Excellent protection against corrosion
- Excellent anti-wear properties
- Excellent thermal stability
- A high viscosity index
- Good resistance to foaming
- Suitable for extended oil change intervals
- Excellent water-separation ability

Application

Comp HGS 46 is a high-grade, fully synthetic, Long Life compressor oil. Primarily intended for one-step and two-step oil-injected rotary vane compressors and rotary-screw compressors. The oil provides outstanding lubrication, even under the harshest conditions and at high operating temperatures.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	884
Viscosity 40 °C, mm ² /s	44,10
Viscosity 100 °C, mm ² /s	7,79
Viscosity Index	147
Flash Point Coc, °C	266
Pour Point, °C	-42
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

Specifications

ISO 6743-3A DAJ

COMP SCO 46

Comp SCO 46 is a screw compressor oil, formulated from special, premium mineral base oils. It is supplemented with special additives to achieve the following properties:

- Excellent oxidation stability
- Highly effective against wear
- Effective resistance to corrosion
- Powerful cleaning and stain-removing ability
- Good resistance to foaming
- Rapid separation of oil from condensation, thereby reducing the consumption of carbon cartridges in the oil-water separator.

Application

Comp SCO 46 has been specially developed for the lubrication of oil-injected screw and rotary vane compressors with relatively high operating temperatures. The product contains a formula for effective water repellence. This allows you to comply with the current requirements relating to condensation drain in a responsible manner.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	863
Viscosity 40 °C, mm ² /s	46
Viscosity 100 °C, mm ² /s	7,27
Viscosity Index	110
Flash Point Coc, °C	212
Pour Point, °C	-33
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

Specifications

ISO 6743-3A-DAH

COMP SPC 68

Comp SPC 68 is a high-grade, fully synthetic Long Life oil for oil-lubricated piston compressors. It is composed of specially selected, synthetic PAO base oils and advanced additives to achieve the following properties:

- Low oil consumption due to low volatility
- Highly stable against oxidation
- Excellent protection against corrosion
- Excellent anti-wear properties
- Excellent thermal stability
- A high viscosity index
- Good resistance to foaming
- Suitable for extended oil change intervals
- Prevents the formation of carbon deposits

Application

Comp SPC 68 is a high-grade, fully synthetic, Long Life compressor oil. Primarily intended for heavy-duty piston compressors with high final compression pressures and high final compression temperatures. The oil provides outstanding lubrication, even under the harshest conditions and at high operating temperatures.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	835
Viscosity 40 °C, mm ² /s	68
Viscosity 100 °C, mm ² /s	10,60
Viscosity Index	148
Flash Point Coc, °C	268
Pour Point, °C	-42
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

Specifications

ISO 6743-3A DAJ



COMP MC 68

Comp MC 68 is a compressor oil based on very highly refined base oils with a naturally high resistance to ageing. By adding highly effective additives the following properties are achieved:

- A low tendency to form carbon deposits
- Good oxidation stability
- Good corrosion protection
- Good wear resistance
- Low volatility

Application

Comp MC 68 is recommended for lubricating reciprocating compressors and for the drip feed lubrication of rotary vane compressors. High compression operating temperatures can occur in both these compressors. The high quality of the oil means that longer oil change intervals may be applied.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	877
Viscosity 40 °C, mm ² /s	68
Viscosity 100 °C, mm ² /s	8,77
Viscosity Index	101
Flash Point Coc, °C	236
Pour Point, °C	-33
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

Specifications

DIN 51506 VDL
DIN 51352-2

COMP MC 100

Comp MC 100 is a compressor oil based on very highly refined base oils with a naturally high resistance to ageing. By adding highly effective additives the following properties are achieved:

- A low tendency to form carbon deposits
- Good oxidation stability
- Good corrosion protection
- Good wear resistance
- Low volatility

Application

Comp MC 100 is recommended for the lubrication of reciprocating compressors and for the drip feed lubrication of rotary vane compressors. High compression operating temperatures can occur in both these compressors. The high quality of the oil means that longer oil change intervals may be applied.

Specifications

DIN 51506 VDL
DIN 51352-2



Typical Standard Analyses

Density At 15 °C, Kg/m ³	880
Viscosity 40 °C, mm ² /s	100
Viscosity 100 °C, mm ² /s	11,60
Viscosity Index	99
Flash Point Coc, °C	248
Pour Point, °C	-30
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

UNIVERSAL MT 68

Universal MT 68 is a universal lubricant for machine tools, based on mineral oil. It is supplemented with additives to achieve the following properties:

- Resistant to high pressures and loads
- Very strong adhesion to metals
- Very strong 'anti stick-slip' ability
- Very effective resistance to wear, corrosion and foaming

Application

Universal MT 68 can be used as a combined lubricant for both slideways (stick-slip) in machine tools, as well as the associated hydraulic systems and gear transmissions.

Specifications

FZG 12

Typical Standard Analyses

Density At 15 °C, Kg/m ³	885
Viscosity 40 °C, mm ² /s	68
Viscosity 100 °C, mm ² /s	8,60
Viscosity Index	97
Flash Point Coc, °C	225
Pour Point, °C	-24
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

UNIVERSAL MT 220

Universal MT 220 is a universal lubricant for machine tools, based on mineral oil. It is supplemented with additives to achieve the following properties:

- Resistant to high pressures and loads
- Very strong adhesion to metals
- Very strong 'anti stick-slip' ability
- Very effective resistance to wear, corrosion and foaming



Application

Universal MT 220 can be used as a combined lubricant for slideways (stick-slip) in machine tools, as well as the associated hydraulic systems and gear transmissions.

Specifications

FZG 12

Typical Standard Analyses

Density At 15 °C, Kg/m ³	896
Viscosity 40 °C, mm ² /s	220
Viscosity 100 °C, mm ² /s	18,20
Viscosity Index	95
Flash Point Coc, °C	245
Pour Point, °C	-15
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-



ROBUST HV 68

Robust HV 68 is a premium adhesion oil, based on specially selected, solvent-refined base oils with a naturally high viscosity index, supplemented with adhesion additives to achieve the following properties:

- Good adhesion properties
- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point



Application

Robust HV 68 is suitable for general mechanical lubrication that requires non-drip oil. Robust HV 68 is also suitable for the lubrication of vertical guide-tracks and gear transmissions subjected to a light load.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	874
Viscosity 40 °C, mm ² /s	70
Viscosity 100 °C, mm ² /s	9,49
Viscosity Index	13
Flash Point Coc, °C	215
Pour Point, °C	-24
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

ROBUST HV 220

Robust HV 220 is a premium, adhesion oil based on specially selected solvent-refined base oils with a naturally high viscosity index. It is supplemented with adhesion additives to achieve the following properties:

- Good adhesion properties
- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point



Application

Robust HV 220 is suitable for general mechanical lubrication that requires non-drip oil. It is also suitable for the lubrication of vertical guide-tracks and gear transmissions subjected to a light load.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	893
Viscosity 40 °C, mm ² /s	220
Viscosity 100 °C, mm ² /s	19
Viscosity Index	98
Flash Point Coc, °C	255
Pour Point, °C	-15
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

ROBUST CIR 68

Robust Cir 68 is a premium, circulating oil based on specially selected solvent-refined base oils with a naturally high viscosity index. It is supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Typical Standard Analyses

Density At 15 °C, Kg/m ³	883
Viscosity 40 °C, mm ² /s	68
Viscosity 100 °C, mm ² /s	8,80
Viscosity Index	102
Flash Point Coc, °C	220
Pour Point, °C	-24
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM
Cincinnati Machine P-69
Denison HF-0/HF-1/HF-2
DIN 51524-2 HLP
Eaton Brochure 694 for 35VQ25A
GM LS-2
ISO 11158 HM
ISO 6743-3 DVC

Application

Robust Cir 68 is suitable for lubricating machines that are lubricated using circulation lubrication. Turbines are an exception, however. Robust Cir 68 is also suitable for the lubrication of gear transmissions and bearings subjected to a light load.

ROBUST CIR 150

Robust Cir 150 is a premium, circulating oil based on specially selected solvent-refined base oils with a naturally high viscosity index. It is supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

Robust Cir 150 is suitable for lubricating machines that are lubricated using circulation lubrication, with the exception of turbines. Robust Cir 150 is also suitable for the lubrication of gear transmissions and bearings subjected to a light load.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	885
Viscosity 40 °C, mm ² /s	150
Viscosity 100 °C, mm ² /s	14,60
Viscosity Index	95
Flash Point Coc, °C	245
Pour Point, °C	-18
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM
DIN 51524-2 HLP
ISO 11158 HM

ROBUST CIR 220

Robust Cir 220 is a premium, circulating oil based on specially selected solvent-refined base oils with a naturally high viscosity index. It is supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

Robust Cir 220 is suitable for lubricating machines that are lubricated using circulation lubrication. Turbines are an exception, however. Robust Cir 220 is

Typical Standard Analyses

Density At 15 °C, Kg/m ³	897
Viscosity 40 °C, mm ² /s	220
Viscosity 100 °C, mm ² /s	18,80
Viscosity Index	95
Flash Point Coc, °C	246
Pour Point, °C	-18
Total Base Number, mgkoh/g	-
Acid Number, mgKOH/g	-

also suitable for the lubrication of gear transmissions and bearings subjected to a light load.

Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM
DIN 51524-2 HLP
ISO 11158 HM

ROBUST VAC 10W-30

Robust VAC 10W-30 is a vacuum pump oil, based on specially selected solvent-refined base oils. It is supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

Robust VAC 10W-30 is suitable for lubricating vacuum pumps, for both crankcase and mist lubrication, where at least an HLP oil is recommended.

Typical Standard Analyses

Density at 15 °C, Kg/m ³	871
Viscosity -25 °C, mm ² /s	680
Viscosity 40 °C, mm ² /s	72
Viscosity 100 °C, mm ² /s	11
Viscosity Index	139
Flash Point COC, °C	205
Pour Point, °C	-33
Total Base Number, mgKOH/g	3,5
Sulphate Ash, %	0,86
HTHS, mPa.s	3,18



Specifications

ISO 6743-3 DVC

Weisskopf

ROBUST VAC 46

Robust VAC 46 is a vacuum pump oil, based on specially selected solvent-refined base oils. It is supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

Robust VAC 46 is suitable for lubricating vacuum pumps, for both crankcase and mist lubrication, where at least an HLP oil is recommended.

Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM
Cincinnati Machine P-70
Denison HF-0/HF-1/HF-2
DIN 51524-2 HLP
Eaton Brochure 694 for 35VQ25A
ISO 11158 HM
ISO 6743-3 DVC

Typical Standard Analyses

Density at 15 °C, Kg/m ³	876
Viscosity 40 °C, mm ² /s	46,6
Viscosity 100 °C, mm ² /s	6,76
Viscosity Index	98
Flash Point COC, °C	212
Pour Point, °C	-39
Acid Number, mgKOH/g	1,50
Sulphate Ash, %	0,06
Conductivity, pS	124



www.weisskopf.com.tr

ROBUST VAC 68

Robust VAC 68 is a vacuum pump oil, based on specially selected solvent-refined base oils. It is supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Typical Standard Analyses

Density at 15 °C, Kg/m ³	883
Viscosity 40 °C, mm ² /s	68
Viscosity 100 °C, mm ² /s	8.80
Viscosity Index	102
Flash Point COC, °C	220
Pour Point, °C	-24
Acid Number, mgKOH/g	0.40
Sulphate Ash, %	0,06
Conductivity, pS	68

Application

Robust VAC 68 is suitable for lubricating vacuum pumps, for both crankcase and mist lubrication, where at least an HLP oil is recommended.

Specifications

AFNOR NF E 48-603 HM
DIN 51524-2 HLP
ISO 11158 HM
ISO 6743-3 DVC

ROBUST VAC 100

Robust VAC 100 is a vacuum pump oil based on specially selected solvent-refined base oils, supplemented with additives to achieve the following properties:

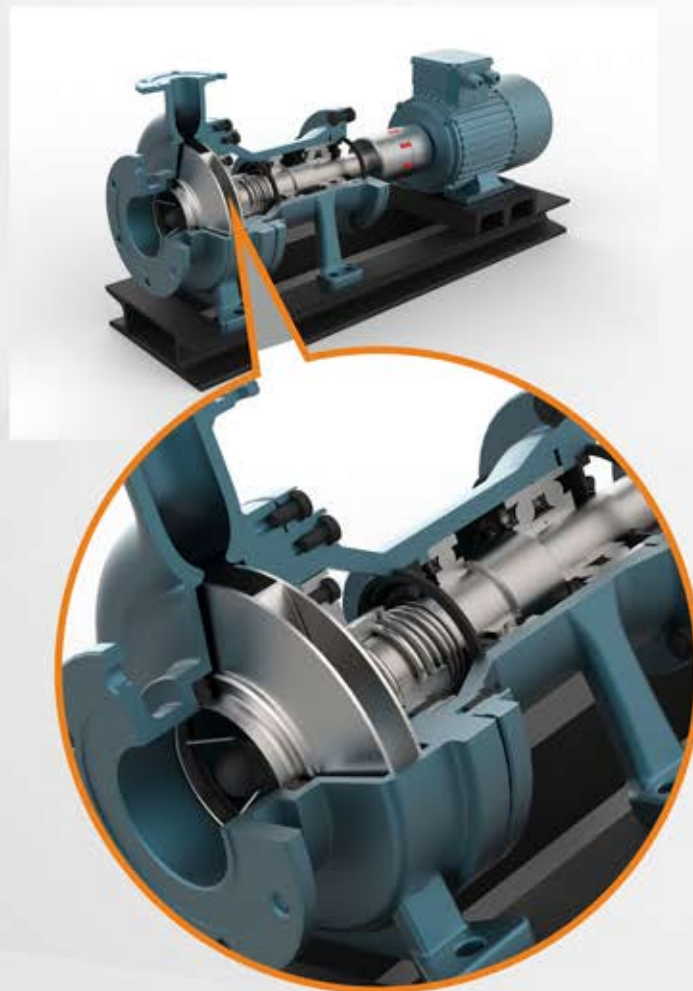
- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

Robust VAC 100 is suitable for lubricating vacuum pumps, for both crankcase and mist lubrication, where an HLP oil is required as a minimum.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	889
Viscosity 40 °C, mm ² /s	102
Viscosity 100 °C, mm ² /s	11.50
Viscosity Index	98
Flash Point Coc, °C	244
Pour Point, °C	-18
HTHS, mPa.s	3,46



ROBUST VAC 220

Robust VAC 220 is a vacuum pump oil, based on specially selected solvent-refined base oils. It is supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

Robust VAC 220 is suitable for lubricating vacuum pumps, for both crankcase and mist lubrication, where at least an HLP oil is recommended.

Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM
DIN 51524-2 HLP
ISO 11158 HM

Typical Standard Analyses

Density At 15 °C, Kg/m ³	887
Viscosity 40 °C, mm ² /s	220
Viscosity 100 °C, mm ² /s	18.30
Viscosity Index	95
Flash Point Coc, °C	246
Pour Point, °C	-18
Acid Number, mgKOH/g	0,40

RUNNER WK 32

Runner WK 32 is a universal mineral turbine oil, based on specially selected and refined base oils. Metal deactivators have been added to these base oils, as well as normal additives, to achieve the following properties:

- Excellent oxidation stability, also at high temperatures
- Excellent corrosion protection for ferrous and non-ferrous metals
- Excellent water separation
- Limited tendency to form foam
- A high viscosity index

Application

Runner WK 32 has been developed for the lubricant oil circulation systems of the very latest steam and gas turbine installations, in which high oil temperatures frequently occur. Runner WK 32 is also suitable for the lubrication of hydraulic systems, compressors, gear transmissions and bearings in which the contamination of lubricant oil by water is a problem.

Specifications

Alstom HTGD 90 117
BS 489: 1999
DIN 51515-1 L-TD
General Electric GEK 46506D
Siemens TLV 9013 04

Typical Standard Analyses

Density at 15 °C, Kg/m ³	872
Viscosity 40 °C, mm ² /s	32
Viscosity 100 °C, mm ² /s	5.40
Viscosity Index	98
Flash Point COC, °C	204
Pour Point, °C	-30
Sulphate Ash, %	0.15

RUNNER WK 68

Runner WK 68 is a universal mineral turbine oil, based on specially selected and refined base oils. Metal deactivators have been added to these base oils, as well as normal additives, to achieve the following properties:

- Excellent oxidation stability, also at high temperatures
- Excellent corrosion protection for ferrous and non-ferrous metals
- Excellent water separation
- Limited tendency to form foam
- A high viscosity index

Application

Runner WK 68 has been developed for the lubricant oil circulation systems of the very latest steam and gas turbine installations, in which high oil temperatures frequently occur. Runner WK 68 is also suitable for the lubrication of hydraulic systems, compressors, gear transmissions and bearings in which the contamination of lubricant oil by water is a problem.



Typical Standard Analyses

Density at 15 °C, Kg/m ³	887
Viscosity 40 °C, mm ² /s	68
Viscosity 100 °C, mm ² /s	8.60
Viscosity Index	98
Flash Point COC, °C	220
Pour Point, °C	-24
Acid Number, mgKOH/g	0.15

Specifications

Alstom HTGD 90 117
BS 489: 1999
DIN 51515-1 L-TD
Siemens TLV 9013 04

Weisskopf

FULLPOWER HTO 32

Fullpower HTO 32 is a heat transfer oil which consists of very carefully selected and refined base oils, which achieves the following properties:

- Good thermal stability
- Good oxidation stability
- Limited deposits in the installation
- Non-corrosive

Application

Fullpower HTO 32 is used as a heat transporting medium in closed circulation systems, working with indirect heating and high temperatures

Typical Standard Analyses

(above 100 °C). The system can be operated up to 300 °C without an inert gas. For temperatures between 300 and 320 °C, there must be a light overpressure from an inert gas.

Density at 15 °C, Kg/m ³	870
Viscosity 40 °C, mm ² /s	32
Viscosity 100 °C, mm ² /s	5.36
Viscosity Index	104
Flash Point COC, °C	224
Pour Point, °C	-15



www.weisskopf.com.tr

SYNGEAR MT 75W85

SynGear MT 75W85 is premium, fully synthetic, transmission oil specially developed for manual transmissions and differentials. By using premium, fully synthetic base oils and special additives, the following properties are achieved:

- Ensures easy and smooth gear-changing at very low and very high operating temperatures, thanks to the high viscosity index
- Outstanding oxidation stability, which enables the oil to be used for longer
- Synchroneshes are able to operate as smoothly as possible: 'problem-free' gear-changing due to EP additives
- Special friction modifiers reduce internal friction, thereby obtaining fuel-saving properties
- Outstanding resistance to corrosion

Application

SynGear MT 75W85 is a fuel-saving, fully synthetic SAE 75W-85 transmission oil with Limited Slip properties. Specially developed for use in Mercedes-Benz (locking) differentials for which the MB 235.7 specification is required and for Audi CVT (Multitronic) transmissions for which VW's TL 521 90 specification is required. This product also has several other uses - consult the advisory database for optimal use.

Typical Standard Analyses

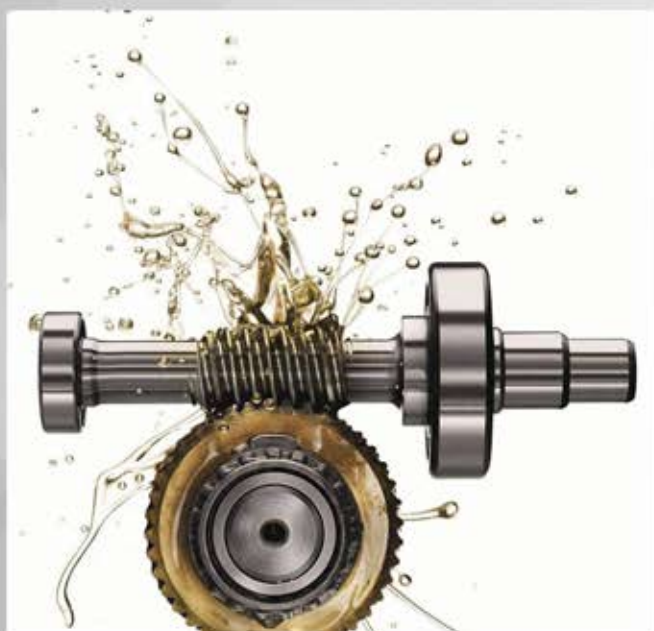
Density At 15 °C, Kg/m ³	870
Viscosity 40 °C, Mm ² /s	81,50
Viscosity 100 °C, Mm ² /s	12,10
Viscosity Index	144
Flash Point Coc, °C	190
Pour Point, °C	-51
Brookfield -40°C, mPa.s	55000

Specifications

API GL-5
MB 235.7 (level)
ZF TE-ML 18 (level)

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum



MINGEAR MT 75W

Gearlubri MT 75W is premium, fuel-saving SAE 75W transmission oil. Perfect for manual transmissions fitted in the latest generation of cars, which, in addition to reliability and comfort, are increasingly being designed with fuel saving in mind. By using premium, low-viscosity base oils and special additives, the following properties are achieved:

- Outstanding fuel-saving properties thanks to low viscosity
- Easy and smooth gear-changing at very low and very high operating temperatures, thanks to the high viscosity index
- Outstanding oxidation stability, which enables the oil to be used for longer
- Outstanding protection against wear thanks to special EP additives
- High resistance to corrosion and foaming



Application

Gearlubri MT 75W is a versatile, fuel-saving SAE 75W transmission oil. The product has been specially developed for modern manual transmissions in the current generation of cars. These include the new generation of manual transmissions from VAG (Audi, VW, Seat and Skoda) among others.

Specifications

API GL-4/GL-5/MT-1
MIL-L-2105D/MIL-PRF-2105E,
SAE J2360
ZF TE-ML 02B

Typical Standard Analyses

Density At 15 °C, Kg/m ³	875
Viscosity 40 °C, Mm ² /s	28,70
Viscosity 100 °C, Mm ² /s	5,19
Viscosity Index	111
Flash Point Coc, °C	190
Pour Point, °C	-39
Total Base Number, Mgkoh/g	2,1
Brookfield -40 °C, mPa.s	57400

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

SYNGEAR MULTI MT 75W-80

SynGear Multi MTF 75W-80 is a synthetic Long Life Multi MTF. The product has been specially developed for use in modern manual transmissions in cars and vans. New generation advanced additives and synthetic base oils provide the following properties:

- Smooth and easy gear-changing at both low and high operating temperatures
- Outstanding oxidation stability: long service life and long-term resistance to high operating temperatures
- Synchromeshes are able to operate as smoothly as possible: 'problem-free' gear-changing and optimal protection against wear under extreme operating conditions, due to special EP additives
- Outstanding resistance to corrosion and foam formation

Application

SynGear Multi MTF 75W-80 is a special SAE 75W-80 manual transmission fluid specifically developed for manual transmissions of passenger cars and vans. Thanks to a very wide range of specifications, SynGear Multi MTF 75W-80 is a multifunctional MTF which can be used in both manual transmissions and robotic semi-automatic transmissions from the most diverse car brands. Always consult the Weisskopf-Oil advisory database for optimal use.



Specifications

API GL-4
BMW MTF LT-2 / LT3 / LT-4
FIAT M21 / M26 / M27
Ford WSD-M2C200-C / WSS-M2C200-D2 / ESD-M2C186-A
GM GMW16612 / 1940004 / 19259104 / GM 1940182 / 1940764 / 1940768
Honda MTF / MTF-II / MTF-III
MB 235.10
NISSAN MT-XZ / MT-XZ TL (JR Type)
PSA B71 2330 / 2315 / 2316
Special gear oil, MTF 94
Tranself NFJ / NFP / TRJ / TRP / TRT / TRX / TRZ
Volvo 97308 / 97309
VW G 009 317 / G 052 171 / G 052 178 / G 052 512 / G 055 512 / G 052 527 / G 052 726 / G 060 726 / G 070 726 / G 50

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	861
Viscosity 40 °C, Mm ² /s	45,20
Viscosity 100 °C, Mm ² /s	9,00
Viscosity Index	185
Flash Point Coc, °C	208
Pour Point, °C	-42
Total Base Number, Mgkoh/g	8,7
Brookfield -40°C, mPa.s	30000

MINGEAR PREMIUM MT 75W-80

Gearlubri Premium MT 75W-80 is a premium transmission oil based on solvent-refined base oils. By using selected mineral base oils and special additives, the following properties are achieved:

- Excellent resistance to wear
- Excellent resistance to corrosion
- Excellent oxidation stability
- Good resistance to foaming
- Low viscosity at low temperatures
- A very high and stable viscosity index



Application

Gearlubri Premium MT 75W-80 has been specially developed for use in a range of manual transmissions in French makes of car, such as Renault, Peugeot and Citroën. Gearlubri Premium MT 75W-80 can be used in cases in which an API GL-5 Renault or an API GL-5 PSA specification is required. It can also be used when the manufacturer recommends a low-viscosity transmission oil.

Typical Standard Analyses

Density at 15 °C, Kg/m ³	848
Viscosity 40 °C, mm ² /s	49,30
Viscosity 100 °C, mm ² /s	9,15
Viscosity Index	170
Flash Point COC, °C	220
Pour Point, °C	-39
Total base number, mgKOH/g	8,7
Acid number, mgKOH/g	1,34
Sulphate Ash, %	1,34
Brookfield -40°C, mPa.s	61300

Specifications

API GL-4+
MIL-L-2105
PSA B71 2330

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum



SYNGEAR HD 75W-80

SynGear HD 75W-80 is a fuel-saving, low-viscosity synthetic Long Life transmission oil. It is supplemented with state-of-the-art additives to achieve the following properties:

- Outstanding thermal stability, maintaining the low viscosity for a long time
- Very high resistance to rust, corrosion and foaming
- A low pour point, which ensures easy gear-changing at very low temperatures
- Premium 'Extreme Pressure' properties
- Long usability



Application

SynGear HD 75W-80 has been specially developed for modern, heavy-duty (compact) and manual transmissions in which operating temperatures can reach very high levels. This product is also particularly suitable for when the manufacturers require long oil change intervals. Consult the product specifications in the product sheet for correct usage.

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Weisskopf

Specifications

API GL-4
MAN 341 Typ Z4
ZF TE-ML 01L / 02L / 16K
DAF
Eaton Europe (extended drain)
Iveco
Renault
Volvo 97307
ZF TE-ML 08 / 13 / 24A

Typical Standard Analyses

Density at 15 °C, Kg/m ³	858
Viscosity 40 °C, mm ² /s	59,50
Viscosity 100 °C, mm ² /s	10,00
Viscosity Index	155
Flash Point COC, °C	218
Pour Point, °C	-39
Total base number, mgKOH/g	4,2
Brookfield -40°C, mPa.s	120000

SYNGEAR SEMI EP 75W-90

SynGear Semi EP 75W-90 is a semi-synthetic lubricant oil for mechanical transmissions, based on premium solvent-refined and synthetic base oils, supplemented with special 'Extreme Pressure' additives, to achieve the following properties:

- Outstanding resistance to oxidation
- Very high resistance to rust, corrosion and foaming
- A low pour point
- Excellent 'Extreme Pressure' properties
- Good gear-changing properties at low temperatures
- Fuel saving

Application

SynGear Semi EP 75W-90 has been specially developed for gearboxes subjected to heavy loads and in all transmissions in which 'Extreme Pressure' oils cause problems. This oil is particularly suitable for gearboxes in which gear-changing can be problematic.

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Specifications

API GL-4/5
MIL-L-2105
VW 501.50

Typical Standard Analyses

Density at 15 °C, Kg/m ³	874
Viscosity 40 °C, mm ² /s	83,80
Viscosity 100 °C, mm ² /s	15,20
Viscosity Index	192
Flash Point COC, °C	182
Pour Point, °C	-48
Brookfield -40°C, mPa.s	72423



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SYNGEAR SEMI SP 75W-90

SynGear Semi SP 75W-90 is a fuel-efficient, semi-synthetic transmission oil for mechanical transmissions and drives of vans and buses. By using high-grade base oils and an advanced range of additives, the product offers the following properties:

- Effective resistance to oxidation
- Good resistance to corrosion and foaming
- A low pour point
- Good EP properties
- Excellent switching properties at both high and low temperatures
- Fuel saving

Application

SynGear Semi SP 75W-90 is a high-grade, fuel-efficient transmission oil. Developed for use in transmissions and other drives of Mercedes-Benz vans and buses for which a lubricant with MB 235.11 specification is required. Also suitable for transmissions that require an oil with extreme pressure protection with one of the specifications below.



Specifications

API GL-4
MAN 341 Typ E2
MB 235.11
ZF-TE ML 16A/17A/19A/19C

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Weisskopf

Typical Standard Analyses

Density at 15 °C, Kg/m ³	878
Viscosity 40 °C, mm ² /s	116,70
Viscosity 100 °C, mm ² /s	17,00
Viscosity Index	175
Flash Point COC, °C	182
Pour Point, °C	-42
Calcium, mg/kg	0
Zinc, mgKOH/g	0
Brookfield -40°C, mPa.s	66300

SYNGEAR PREMIUM HS GL-5 75W-90

SynGear Premium HS GL-5 75W-90 is an extremely modern synthetic transmission oil. By using low-viscosity, synthetic base oils combined with advanced additives, the following properties are achieved:

- Saves fuel (cost benefit)
- Does not affect seals in any way (no risk of leakage)
- A strong lubricant film, even under the toughest conditions (high technical reliability)
- Its low viscosity ensures that gear-changing takes place more easily (ease of use)
- Effectively prevents wear on the gearbox and bearings (extending the service life of drive line)
- Copes exceptionally well with the (extended) oil change intervals that apply nowadays (for added security)

Application

SynGear Premium HS GL-5 75W-90 is a fuel-saving synthetic transmission oil and has been developed for use in the most heavy-duty hypoid transmissions in rear axles and manual transmissions. It can also be used in all transmissions in which 'Extreme Pressure' oils are recommended.

Typical Standard Analyses

Density at 15 °C, Kg/m ³	878
Viscosity 40 °C, mm ² /s	80,90
Viscosity 100 °C, mm ² /s	14,80
Viscosity Index	192
Flash Point COC, °C	190
Pour Point, °C	-45
Calcium, mg/kg	0
Zinc, mgKOH/g	0
Brookfield -40°C, mPa.s	69600



Specifications

API GL-5
MIL-L-2105D
ZF TE-ML 07A/17B

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

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SYNGEAR SPORT GL-5 75W-140

SynGear Sport GL-5 75W-140 is a synthetic, hypoid transmission oil with 'limited slip' additives. In combination with a modern and highly-effective additives system, specially designed to meet the very strict standards that apply within the different types of motorsport, the following properties are obtained:

- A very high viscosity index which results in effective fluidity at low temperatures
- Outstanding resistance to oxidation, thereby ensuring excellent resistance at high operating temperatures
- A very low tendency to form foam
- Superb protection against wear
- Thanks to special limited slip additives, also perfect for use in self-locking differentials.

Application

SynGear Sport GL-5 75W-140 is a synthetic, hypoid transmission oil, specially developed for use in differentials, both with and without limited-slip differential clutches, and very heavy load transmissions that are often used in the world of motorsport. SynGear Sport GL-5 75W-140 can therefore be used in all differentials of the various BMW M-Sport models and in differentials of several SUVs that require an SAE 75W-140 hypoid oil.

GEARLUBRI GL-4 80W

Gearlubri GL-4 80W is a mineral lubricant oil for mechanical transmissions, based on premium solvent-refined base oils, supplemented with special 'Extreme Pressure' additives to achieve the following properties:

- Effective resistance to oxidation
- High resistance to rust, corrosion and foaming
- A low pour point
- Good 'Extreme Pressure' properties

Application

Gearlubri GL-4 80W is used in hypoid rear axles, gearboxes and in other transmissions in which 'Extreme Pressure' oil is required.

Specifications

API GL-4

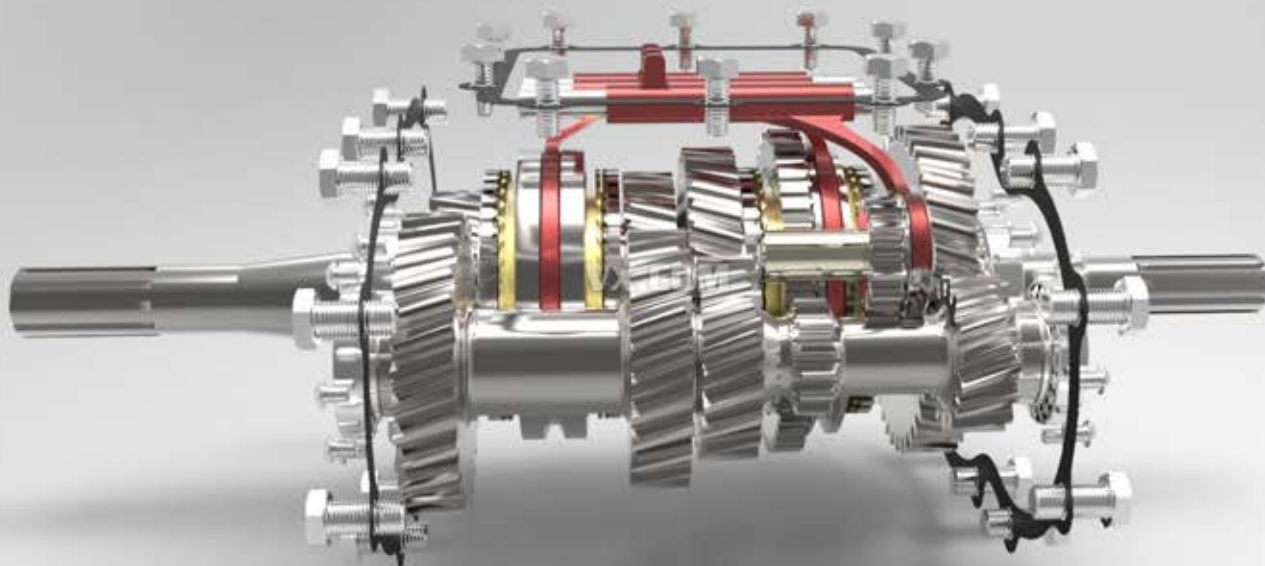
MIL-L-2105

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	875
Viscosity 40 °C, mm ² /s	77,00
Viscosity 100 °C, mm ² /s	9,50
Viscosity Index	98
Flash Point COC, °C	205
Pour Point, °C	-30
Acid number, mgKOH/g	1,10
Sulphate Ash, %	0,03
Calcium, mg/kg	0
Zinc, mgKOH/g	0
Brookfield -40°C, mPa.s	62400



Specifications

API GL-5

BMW MSP/A(level)

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	860
Viscosity 40 °C, mm ² /s	179,00
Viscosity 100 °C, mm ² /s	24,70
Viscosity Index	170
Flash Point COC, °C	224
Pour Point, °C	-54

GEARLUBRI GL-1 80W-90

Gearlubri GL-1 80W-90 is a mineral lubricant oil for mechanical transmissions. This oil has a limited tendency to oxidation and foaming and protects the metal surface against corrosion.



Application

Gearlubri GL-1 80W-90 is used in gearboxes, differentials, steering boxes and transmissions for which the manufacturer does not recommend 'Extreme Pressure' oils or rejects them.

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Specifications

API GL-1

GEARLUBRI GL-4 80W-90

Gearlubri GL-4 80W-90 is a mineral lubricant oil for mechanical transmissions, based on premium solvent-refined base oils, supplemented with special 'Extreme Pressure' additives to achieve the following properties:

- Effective resistance to oxidation
- High resistance to rust, corrosion and foaming
- A low pour point
- Good 'Extreme Pressure' properties

Application

Gearlubri GL-4 80W-90 is used in hypoid rear axles, gearboxes and in other transmissions in which 'Extreme Pressure' oil is required.

Specifications

API GL-4
MIL-L-2105
ZF TE-ML 16A/17A/19A
MAN 341 Typ E2

Typical Standard Analyses

Density at 15 °C, Kg/m ³	896
Viscosity 40 °C, mm ² /s	149,00
Viscosity 100 °C, mm ² /s	14,80
Viscosity Index	98
Flash Point COC, °C	230
Pour Point, °C	-30
Acid number, mgKOH/g	1,10
Sulphate Ash, %	0,03

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

GEARLUBRI GL-5 80W-90

Gearlubri GL-5 80W-90 is a mineral lubricant oil for mechanical transmissions, based on premium solvent-refined base oils, supplemented with special 'Extreme Pressure' additives to achieve the following properties:

- Outstanding resistance to oxidation
- Very high resistance to rust, corrosion and foaming
- A low pour point
- Excellent 'Extreme Pressure' properties

Application

Gearlubri GL-5 80W-90 is used in the most heavy-duty hypoid transmissions in rear axles, gearboxes, and in all transmissions in which 'Extreme Pressure' oil is required.

Specifications

API GL-5
MIL-L-2105D
ZF TE-ML 16B/17B/19B/21A
MAN 342 Typ M1
MB 235.0

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	900
Viscosity 40 °C, mm ² /s	149,00
Viscosity 100 °C, mm ² /s	14,80
Viscosity Index	98
Flash Point COC, °C	232
Pour Point, °C	-30
Acid number, mgKOH/g	1,80
Sulphate Ash, %	0,05

GEARLUBRI LS 80W-90

Gearlubri LS 80W-90 is a mineral lubricant oil for mechanical transmissions, based on premium solvent-refined base oils, supplemented with special 'Extreme Pressure' additives, to achieve the following properties:

- Outstanding resistance to oxidation
- Very high resistance to rust, corrosion and foaming
- A low pour point
- Excellent 'Extreme Pressure' properties
- Outstanding 'Limited Slip' properties

Application

Gearlubri LS 80W-90 has been specially developed for the flawless lubrication of the so-called 'Limited Slip' and self-locking hypoid drives.

Specifications

API GL-5 Limited Slip
MIL-L-2105D
ZF TE-ML 05C

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	899
Viscosity 40 °C, mm ² /s	150,00
Viscosity 100 °C, mm ² /s	15,10
Viscosity Index	100
Flash Point COC, °C	210
Pour Point, °C	-30





GEARLUBRI GL-5 80W-140

Gearlubri HS GL-5 80W-140 is an extremely modern synthetic transmission oil. By using low-viscosity, synthetic base oils combined with advanced additives, the following properties are achieved:

- Saves fuel (cost benefit)
- Does not affect seals in any way (no risk of leakage)
- A strong lubricant film, even under the toughest conditions (high technical reliability)
- Its low viscosity ensures that gear-changing takes place more easily (ease of use)
- Effectively prevents wear on the gearbox and bearings (extending the service life of drive line)
- Copes exceptionally well with the (longer) oil change intervals that apply nowadays (for added security)

Application

Gearlubri HS GL-5 80W-140 is a fuel-saving synthetic transmission oil and has been developed for use in the most heavy-duty hypoid transmissions in rear axles and manual transmissions. It can also be used in all transmissions in which 'Extreme Pressure' oils are recommended.

Specifications

API GL-5
MIL-L-2105D

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	883
Viscosity 40 °C, mm ² /s	228,00
Viscosity 100 °C, mm ² /s	27,80
Viscosity Index	158
Flash Point COC, °C	220
Pour Point, °C	-33

GEARLUBRI GL-5 85W-140

Gearlubri GL-5 85W-140 is a mineral lubricant oil for mechanical transmissions, based on premium solvent-refined base oils, supplemented with special 'Extreme Pressure' additives, to achieve the following properties:

- Outstanding resistance to oxidation
- Very high resistance to rust, corrosion and foaming
- A low pour point
- Excellent 'Extreme Pressure' properties

Application

Gearlubri GL-5 85W-140 is used under the most heavy-duty hypoid transmissions in rear axles, gearboxes and in all transmissions in which 'Extreme Pressure' oil is required.

Specifications

API GL-5
MIL-L-2105D
ZF TE-ML 07A/21A

Typical Standard Analyses

Density at 15 °C, Kg/m ³	907
Viscosity 40 °C, mm ² /s	340,00
Viscosity 100 °C, mm ² /s	27,00
Viscosity Index	106
Flash Point COC, °C	245
Pour Point, °C	-15
Acid number, mgKOH/g	1,80
Calcium, mg/Kg	0
Zinc, mg/Kg	0

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

GEARLUBRI ALLISON C4 10W

Gearlubri Allison C4 10W is a special oil for hydraulic and transmission applications, based on solvent-refined base oils, supplemented with additives to achieve the following properties:

- A very low pour point
- Excellent oxidation stability
- Good wear resistance, as a result of which the final drives achieve a longer service life
- Special friction properties that ensure optimal use of powershift transmissions
- Suitable for systems with wet brakes
- Outstanding resistance to rust and corrosion

Application

Gearlubri Allison C4 10W has been specially developed for the lubrication of powershift transmissions, differentials, final drives and hydraulic systems in earth moving equipment for which oil is recommended that complies with the Caterpillar TO-4 or Allison C4 specifications. THE OIL CANNOT BE USED IN ENGINES!

Specifications

Allison C4
Cat TO-4/TO-2
Komatsu KES 07.868.1
ZF TE-ML 03C

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	880
Viscosity 40 °C, mm ² /s	40,50
Viscosity 100 °C, mm ² /s	6,48
Viscosity Index	111
Flash Point COC, °C	226
Pour Point, °C	-30
Total base number, mgKOH/g	9,5
Sulphate Ash, %	1,32

GEARLUBRI ALLISON C4 30

Gearlubri Allison C4 30 is a special oil for hydraulic and transmission applications, based on solvent-refined base oils and supplemented with additives to achieve the following properties:

- A very low pour point
- Excellent oxidation stability
- Good wear resistance, as a result of which the final drives achieve a longer service life
- Special friction properties that ensure optimal use of powershift transmissions
- Suitable for systems with wet brakes
- Outstanding resistance to rust and corrosion

Application

Gearlubri Allison C4 30 has been specially developed for the lubrication of powershift transmissions, differentials, final drives and hydraulic systems in earth moving equipment for which oil is recommended that complies with the Caterpillar TO-4 or Allison C4 specifications. THE OIL CANNOT BE USED IN ENGINES!!!

Specifications

Allison C4
Cat TO-4/TO-2
Komatsu KES 07.868.1
ZF TE-ML 03C/07D/07F

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	865
Viscosity 40 °C, mm ² /s	95,60
Viscosity 100 °C, mm ² /s	11
Viscosity Index	100
Flash Point COC, °C	238
Pour Point, °C	-24
Total base number, mgKOH/g	9,5
Sulphate Ash, %	1,32

GEARLUBRI ALLISON C4 50

Gearlubri Allison C4 50 is a special oil for hydraulic and transmission applications, based on solvent-refined base oils, supplemented with additives to achieve the following properties:

- A very low pour point
- Excellent oxidation stability
- Good wear resistance, as a result of which the final drives achieve a longer service life
- Special friction properties that ensure optimal use of powershift transmissions
- Suitable for systems with wet brakes
- Outstanding resistance to rust and corrosion

Application

Gearlubri Allison C4 50 has been specially developed for the lubrication of powershift transmissions, differentials, final drives and hydraulic systems in earth moving equipment for which oil is recommended that complies with the Caterpillar TO-4 or Allison C4 specifications. THE OIL CANNOT BE USED IN ENGINES!

Specifications

Allison C4
Cat TO-4/TO-2
Komatsu KES 07.868.1

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	899
Viscosity 40 °C, mm ² /s	199,50
Viscosity 100 °C, mm ² /s	17,50
Viscosity Index	94
Flash Point COC, °C	240
Pour Point, °C	-12
Total base number, mgKOH/g	9,5
Sulphate Ash, %	1,32



SYNGEAR TDL 75W-90

Syngear TDL 75W-90 is a universal synthetic transmission oil based on high-quality synthetic base oils and an advanced modern additive package, and provides the following properties:

- excellent resistance to high temperatures
- very high resistance to wear, corrosion and foaming
- low pour point
- very special EP properties
- wide application area

Application

Syngear TDL 75W-90 is a universal synthetic transmission oil suitable for use in manual transmissions and differentials in passenger vehicles, vans and heavy commercial vehicles, for example. Syngear TDL 75W-90 is also perfect for use in all kinds of final drives and transmissions of various agricultural and earth moving machinery. As a universal product, this "Total Drive Line" transmission oil is perfectly suited for a very wide range of applications.

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	871
Viscosity 40 °C, mm ² /s	95
Viscosity 100 °C, mm ² /s	17,70
Viscosity Index	205
Flash Point COC, °C	198
Pour Point, °C	-45
Total base number, mgKOH/g	1,4
Broofield, -40 °C, mPa.s	92920

Specifications

API GL-3/GL-4/GL-5/MT-1
MIL-L-2105D / MIL-PRF-2105E, SAE J2360
Arvin Meritor 076-N
DAF, Iveco
Mack GO-J
MAN 3343 Typ S / 341 Typ E3
MAN 341 Typ Z2 / 342 Typ S1
MB 235.8
Scania STO 1:0 / 1:1 G / 2:0 A FS
Volvo 97312
ZF TE-ML 02B / 05A / 07A / 12B / 12L / 12N / 16B
ZF TE-ML 16F / 17B / 19C / 21A

GEARLUBRU LS GL-5 80W-90

Gearlubri LS GL-5 80W-90 is a mineral hypoid transmission oil with limited slip additives. High quality mineral base oils and special 'Extreme Pressure' and 'Limited Slip' additives give the product the following properties:

- Outstanding resistance to oxidation
- Very high resistance to wear, corrosion and foaming
- A low pour point and high viscosity index which results in effective fluidity at low temperatures
- Excellent 'Extreme Pressure' properties
- Very good 'Limited Slip' properties prevent squealing and squeaking with wet clutch engagement.



Application

Gearlubri LS GL-5 80W-90 is a mineral hypoid 'Limited Slip' transmission oil. This product has been specially developed for use in various 'Limited Slip' and self-locking hypoid transmissions such as limited slip differentials, transfer cases and final drives where the manufacturer prescribes an API GL-5 LS oil. For heavily loaded earthmoving machines, where the manufacturer has an additional requirement of a minimum phosphorus content of 2,000 ppm, we recommend using our product Gearlubri LS 80W-90.

Specifications

API GL-5 Limited Slip

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	893
Viscosity 40 °C, mm ² /s	142
Viscosity 100 °C, mm ² /s	13.90
Viscosity Index	96
Flash Point COC, °C	224
Pour Point, °C	-30
Total base number, mgKOH/g	2

SYNGEAR SP 75W-90

Syngear SP 75W-90 is an extremely modern, fully synthetic 75W-90 transmission oil. By using low-viscosity, synthetic base oils and highly advanced technology, the following unique properties are achieved:

- Ensures effective gear-changing in cold or warm conditions
- Ensures fuel saving: up to 2%, cost effective
- Suitable for the entire drive line: Total Drive Line Oil means that fewer individual products are required
- A powerful lubricant film, even under the toughest conditions, for added security
- Effective in preventing wear on gears and bearings and ensures long service life
- Copes exceptionally well with the (long) oil change intervals of today
- Does not affect seals: prevents leakages

Application

Syngear SP 75W-90 is a fuel-saving, fully synthetic transmission oil, suitable for the entire drive line with a premium quality (API: GL5+ level). The product has been developed for use in the most heavy-duty transmissions in manual transmissions, transfer boxes and final drives. Always consult the Weisskopf-Oil advisory database for optimal use.



Specifications

API GL-3/GL-4/GL-5/MT-1
MIL-L-2105D / MIL-PRF-2105E, SAE J2360
MB-Approval 235.8
MAN 341 Typ Z2 / 342 Typ S1 / 3343 Typ S / 341 Typ E3
Scania ST0 1:1 G / 2:0 A FS / ST0 1:0
ZF TE-ML 02B / 05A / 12L / 12N
ZF TE-ML 16F / 17B / 19C / 21A
Arvin Meritor 076-N
DAF, Iveco
Mack GO-J
Volvo 97312
ZF TE-ML 07A / 12B / 16B
Ford WSD-M2C-200B/C

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

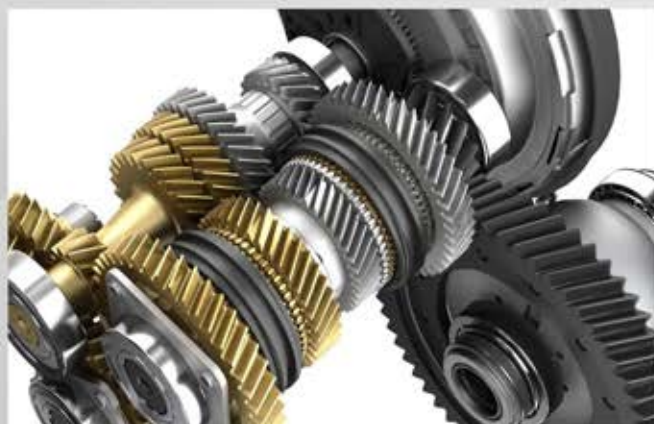
Typical Standard Analyses

Density at 15 °C, Kg/m ³	869
Viscosity 40 °C, mm ² /s	101
Viscosity 100 °C, mm ² /s	15.40
Viscosity Index	161
Flash Point COC, °C	202
Pour Point, °C	-48
Total base number, mgKOH/g	2.1
Broofield, -40 °C, mPa.s	109000

SYNGEAR LS 75W-90

Syngear LS 75W-90 is a modern, fully synthetic SAE 75W-90 transmission oil with Limited Slip additives. By using low-viscosity, synthetic base oils and highly advanced additive technology, the product offers the following unique properties:

- Ensures effective gear-changing in cold or warm conditions
- Excellent Limited Slip properties
- Ensures fuel saving: up to 2% cost saving
- Suitable for the entire drive line: Total Drive Line Oil means that fewer individual products are required
- A strong lubricant film, even under the toughest conditions: for added security
- Effective in preventing wear on gears and bearings; ensures long service life
- Copes exceptionally well with today's (lengthy) oil change intervals
- Does not affect seals: prevents leakages



Application

Syngear LS 75W-90 is a high-grade, fully synthetic Long Life transmission oil. The product is suitable for the entire drive line including locking differentials and drives that require a 'Limited Slip' transmission oil. Syngear LS 75W-90 has been specially developed for use in the most critical and heavy-duty transmissions such as manual transmissions, transfer cases, (locking) differentials and final drives. Always consult the Weisskopf-Oil advisory database for optimal use.

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Weisskopf

Typical Standard Analyses

Density at 15 °C, Kg/m ³	869
Viscosity 40 °C, mm ² /s	103,70
Viscosity 100 °C, mm ² /s	16,50
Viscosity Index	157
Flash Point COC, °C	202
Pour Point, °C	-42
Total base number, mgKOH/g	2,1
Broofield, -40 °C, mPa.s	139000

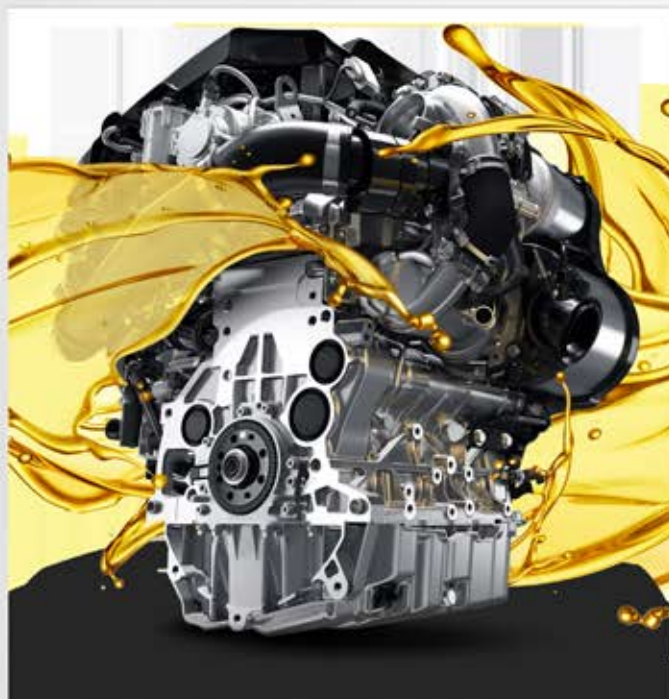
Specifications

API GL-4/GL-5/MT-1
MIL-L-2105D/MIL-PRF-2105E, SAE J2360
MAN 341 Typ Z2/342 Typ S1
MAN 3343 Typ S
Scania ST0 1:0
Volvo 97310
ZF TE-ML 05C/07A/12B/12L/12N
ZF TE-ML 16B/16F/17B/19C/21C
P >1900 mg/kg (Liebherr)

GEARLUBRI HS GL-3/GL-5 80W-90

Gearlubri GL-3/GL-5 80W-90 is a Total Drive Line transmission oil, primarily based on the best (PAO) synthetic base oils. Modern additives provide the product with the following properties:

- Excellent low temperature properties: easier gear-changing
- Very high resistance to rust, corrosion and foaming
- Premium 'Extreme Pressure' properties: limited wear
- Outstanding thermal stability and optimal lubrication for the entire (extended) oil change interval: long service life and optimal technical reliability, which should reduce the variable costs



Application

Gearlubri GL-3/GL-5 80W-90 is a universal transmission oil, specially developed for manual transmissions and differentials in cars and vans. This Total Drive Line transmission oil is highly suitable for workplaces in which a mixed vehicle fleet is maintained. Universally applicable where API GL-3, GL-4 and GL-5 is recommended in the viscosity class 80W-90.

Specifications

API GL-3/GL-4/GL-5/MT-1
MIL-L-2105D/MIL-PRF-2105E,
SAE J2360
DAF
Iveco
Mack GO-J
MAN 341 Typ Z2/342 Typ M2
MB 235.0
Scania ST0 1:0
ZF TE-ML
02B/04G/05A/07A/12L/12M
ZF TE-ML
16B/16C/16D/17H/21A

Typical Standard Analyses

Density at 15 °C, Kg/m ³	888
Viscosity 40 °C, mm ² /s	125,80
Viscosity 100 °C, mm ² /s	15,00
Viscosity Index	122
Flash Point COC, °C	234
Pour Point, °C	-36

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

www.weisskopf.com.tr



GEARLUBRI LS GL-3/GL-5 85W-140

Gearlubri LS GL-3/GL-5 85W-140 is a universal 'Total Drive Line' transmission oil based on premium, solvent-refined base oils. It has been supplemented with special 'Extreme Pressure' additives to achieve the following properties:

- Outstanding resistance to high temperature loads
- Very high resistance to wear, corrosion and foaming
- Very special 'Extreme Pressure' properties
- Outstanding 'Limited Slip' properties
- A very broad field of application

Application

Gearlubri LS GL-3/GL-5 85W-140 is a 'Total Drive Line' transmission oil, developed for manual transmissions and differentials in cars, vans and heavy commercial vehicles. Gearlubri LS GL-3/GL-5 85W-140 is particularly suitable as a universal product for a wide range of applications. Furthermore, this oil has outstanding 'Limited Slip' properties.

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	904
Viscosity 40 °C, mm ² /s	345,80
Viscosity 100 °C, mm ² /s	26,10
Viscosity Index	99
Flash Point COC, °C	222
Pour Point, °C	-18

Specifications

API GL-4/GL-5/MT-1
MIL-L-2105D/MIL-L-PRF-2105E, SAE
J2360
MAN 341 Typ Z2/342 Typ M2
Scania STO 1:0
ZF TE-ML 05C/07A/12M/16C/16D/21C
P >1900 mg/kg (Liebherr)



Weisskopf

WEISSKOPF SP ATF 2032

Wiesskopf SP ATF 2032 is a premium, synthetic Long Life ATF, specially developed for use in automatic transmissions with a continuous slip lock-up converter. The product features the following properties:

- Excellent oxidation stability: lasts longer
- Outstanding lubrication properties: optimal protection
- Excellent resistance to corrosion and foaming: effective protection
- An extremely low pour point can be used at extremely low temperatures
- Does not affect seals used: prevents leaks

Application

Wiesskopf SP ATF 2032 can be used for automatic transmissions with a continuous slip lock-up converter and is often used in the automatic transmissions of a large number of well-known car manufacturers. Always consult the Wiesskopf-Oil advisory database for optimal use.



Specifications

Allison C4/TES-389
Cat T0-2
Ford Mercon/M2C138-CJ/166-H
GM Dexron IID/IIIE/IIIF/IIIG/IIIH
MAN 339 Typ Z1/V1/Typ Z2/V2
MB
236.1/236.5/236.6/236.7/236.9/2
36.10
Voith 55.6335/55.6336
Volvo 97340/97341
ZF TE-ML
02F/03D/04D/09/11A/11B/14A/1
4B/16L/17C

Typical Standard Analyses

Density at 15 °C, Kg/m ³	851
Viscosity 40 °C, mm ² /s	34,70
Viscosity 100 °C, mm ² /s	7,40
Viscosity Index	188
Flash Point COC, °C	250
Pour Point, °C	-48
Total base number, mgKOH/g	0,9
Calcium, mg/Kg	70
Brookfield -40 °C, mPa.s	14200

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

www.weisskopf.com.tr



WIESSKOPF SP ATF 2034

Wisskopf SP ATF 2034 is a premium-quality, extremely low-viscosity Long Life ATF, specifically designed for the latest generation of automatic 8HP transmissions produced by the transmission manufacturer ZF. Specially selected, premium-quality base oils, combined with the latest additives, provide Wisskopf SP ATF 2034 with the following properties:

- Outstanding fuel-saving properties
- Extremely high resistance to oxidation
- Excellent and very stable friction characteristics that enable longer oil-replacement intervals
- Outstanding lubrication properties
- Excellent protection against corrosion and resistance to foaming
- Excellent properties at low temperatures
- Fully compatible with the seal agents used by ZF

Application

SP Matic 2034 is a premium synthetic ATF, specially formulated for the latest generation of ZF 8HP transmissions. Compared to ZF 6HP transmissions, even more emphasis is put on fuel saving in the new ZF 8HP transmissions. The very low-viscosity Wisskopf SP ATF 2034 contributes greatly to realising this fuel saving. Among others, the product can be used in these 8HP-Series ZF transmissions: 8HP45, 8HP55, 8HP70 and 8HP90. It can also be used in certain ZF 6HP transmissions found in various VAG models.



Specifications

BMW 8322 2152426/2289720(ATF3+)

Chrysler 68157995AA

Fiat 9.55550-AV5

Jaguar 02JDE 26444

Land Rover LR023288

VW G 060 162

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	842
Viscosity 40 °C, mm ² /s	25,80
Viscosity 100 °C, mm ² /s	6,00
Viscosity Index	190
Flash Point COC, °C	198
Pour Point, °C	-51
Total base number, mgKOH/g	2,7
Brookfield -40 °C, mPa.s	10600

WIESSKOPOF SP ATF 2072

Wisskopf SP ATF 2072 is a synthetic Long Life ATF, specially developed for use in the latest generation of automatic DSG transmissions with dual-clutch technology. The unique formulation of Wisskopf SP ATF 2072 ensures that the product has the following properties:

- Excellent oxidation stability: extending the service life of the fluid
- Outstanding lubrication properties, even under the most extreme conditions
- Very high resistance to wear, corrosion and foaming
- Outstanding shear stability
- An extremely low pour point can be used at extremely low temperatures
- A very high viscosity index: reliable operation of the transmission at both high and low temperatures



Application

Wisskopf SP ATF 2072 has been specially developed for the new generation of High Tech DSG transmissions as used in a range of VAG models, along with an increasing number of models by other makes. Always consult the Wisskopf-Oil product advisory database for optimal use.

Specifications

BMW DCTF-1 / DCTF-1+ / LT-5

BorgWarner

Bugatti Veyron

Chrysler 68044345 EA & GA

Ferrari TF DCT-F3

Ford WSS-M2C936-A / WSS-M2C218-A1

Hyundai/Kia

MB 236.21 / 236.22 / 236.24 / 236.25 / 239.21

Mitsubishi Dia-Queen SSTF-1

Porsche/ZF FFL-3

PSA 9734 S2

Renault EDC

Volvo 1161838 / 1161839

VW G 052 182 / G 052 529 / G 055 529

VW G 052 536 / G 055 536

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	850
Viscosity 40 °C, mm ² /s	34,00
Viscosity 100 °C, mm ² /s	7,17
Viscosity Index	183
Flash Point COC, °C	201
Pour Point, °C	-48
Total base number, mgKOH/g	1,29
Brookfield -40 °C, mPa.s	11400
Colour	Green



WIESSKOPF SP ATF 2094

Wisskopf SP ATF 2094 is a premium, very low-viscosity Long Life ATF, specially formulated for the latest generation of automatic 7G-Tronic Plus transmissions from Mercedes-Benz. Specially selected, high-quality base oils, combined with the latest additives, provide the Wisskopf SP ATF 2094 with the following properties:

- Outstanding fuel-saving
- Extremely high resistance to oxidation
- Excellent and very stable friction characteristics for extended oil change intervals
- Outstanding lubrication properties
- Excellent protection against corrosion and foaming
- Excellent low-temperature properties
- Fully compatible with seal agents used by Mercedes



Typical Standard Analyses

Density at 15 °C, Kg/m ³	840
Viscosity 40 °C, mm ² /s	18,80
Viscosity 100 °C, mm ² /s	4,40
Viscosity Index	150
Flash Point COC, °C	188
Pour Point, °C	-57
Total base number, mgKOH/g	4,00
Broofield, -40 °C, mPa.s	2430

Specifications

MB 236.15

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Weisskopf

Application

Wisskopf SP ATF 2094 is a premium synthetic ATF, specially formulated for the latest generation of automatic 7G-Tronic Plus transmissions from Mercedes-Benz. Compared to the first generation 7G-Tronic transmissions, even greater emphasis is placed on fuel saving in 7G-Tronic Plus transmissions. Wisskopf SP ATF 2094 contributes considerably to the realisation of this fuel saving. The product can be used where the MB 236.15 specification is required.

WIESSKOPF SP ATF 2096

Wisskopf SP ATF 2096 is a premium, very low-viscosity Long Life ATF, specially formulated for the latest generation of automatic 9G-Tronic transmissions from Mercedes-Benz. Specially selected, high-quality base oils, combined with the latest additives, provide the Wisskopf SP ATF with the following properties:

- Outstanding fuel-saving
- Extremely high resistance to oxidation
- Excellent and very stable friction characteristics for extended oil change intervals
- Outstanding lubrication properties
- Excellent protection against corrosion and foaming
- Excellent low-temperature properties
- Fully compatible with seal agents used by Mercedes

Application

Wisskopf SP ATF 2096 is a premium synthetic ATF, specially formulated for the latest generation of automatic 9G-Tronic transmissions from Mercedes-Benz. During the development of Wisskopf SP ATF 2096 great emphasis was placed on fuel saving. The product can be used where the MB 236.17 specification is required.



Typical Standard Analyses

Density at 15 °C, Kg/m ³	840
Viscosity 40 °C, mm ² /s	17,10
Viscosity 100 °C, mm ² /s	4,23
Viscosity Index	161
Flash Point COC, °C	174
Pour Point, °C	-57
Total base number, mgKOH/g	3,4
Acid number, mgKOH/g	1,00
Brookfield -40 °C, mPa.s	2320

Specifications

MB 236.17

Available Packings

12 X 1 L Bottle,
1 X 18 L Bag Box,
1 X 208 L Drum

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WEISSKOPF SP ATF 4016

Wiesskopf SP ATF 4016 is a synthetic, multi-functional ATF fluid. The product is especially suitable for use in various continuously variable transmissions, also known as CVTs. The use of a new generation of additives and high-grade synthetic base oils gives Wiesskopf SP ATF 4016 the following properties:

- Specific friction properties for CVTs
- Very high oxidation stability
- Very good anti-wear properties
- A very limited tendency to form foam
- High viscosity index: fluidity is guaranteed at extreme temperatures

Application

Wiesskopf SP ATF 4016 is a premium and multi-functional synthetic ATF for CVT transmissions. This Multi CVT Fluid is suitable for use in various CVTs (both pushbelt systems and chain systems) by Japanese and European car manufacturers. Please see the advice database for the full product advice.

Typical Standard Analyses

Density at 15 °C, Kg/m ³	852
Viscosity 40 °C, mm ² /s	35,40
Viscosity 100 °C, mm ² /s	7,30
Viscosity Index	177
Flash Point COC, °C	214
Flash point, PM, °C	180
Pour Point, °C	-57
Total base number, mgKOH/g	3,6
Acid number, mgKOH/g	1,04
Noock, %	14,3
Brookfield -40 °C, mPa.s	2320

Specifications

Chrysler/Dodge/Jeep NS-2 / Mopar CVTF+4
 Daihatsu Amix CVTF DC / DFC / DFE
 Ford WSS-M2C928-A / Hybrid e-CVT
 GM DEX-CVT / 1940713 / 1940714
 Honda HMMF (without starting clutch) / HCF2 / IMMD
 Hyundai/Kia CVT-1 / SP III (CVT model)
 Jatco CVT 8 Hybrid
 Mazda JWS 3320
 MB 236.20
 Mitsubishi SP-III (only CVT) / CVTF J1/(ECO)J4/J4+
 Mini Cooper EZL 799 / 799A
 Nissan NS-1/2/2V/3 / N-CVT
 Subaru ECVT / iCVT / iCVT FG / CVT-LV / NS-2
 Subaru Lineartronic High Torque (HT) CVTF
 Subaru Lineartronic chain CVTF / CVTF II/III
 Suzuki CVTF TC / 3320 / 4401 / NS-2 / Green 1/2/1V
 Toyota CVTF TC / FE / THSII
 VW G 052 180 / G 052 516

Available Packings

12 x 1 L bottle,
 1 x 18 L bag box,
 1 x 208 L drum

WEISSKOPF SP ATF 4026

Wiesskopf SP ATF 4026 is a synthetic Long Life Multi ATF. The product has been specially developed for use in modern automatic transmissions in cars and vans. New generation additives and advanced, synthetic base oils provide the following properties:

- Excellent oxidation stability: extending the service life of the fluid
- Outstanding lubrication properties, even under the most extreme conditions
- Very high resistance to wear, corrosion and foaming
- Excellent shear stability
- An extremely low pour point: can be used at extremely low temperatures
- A very high viscosity index: reliable operation of the transmission at both high and low temperatures

Application

Wiesskopf SP ATF 4026 is a synthetic, multi-functional Long Life ATF for modern, electronically-controlled automatic transmissions in cars and vans. This product is also suitable for use in power steering systems. **Important!** Colour may differ from that of the original ATF. Wiesskopf SP ATF 4026 is red in colour. For marketing reasons, some OEMs also use an ATF of a different colour. Wiesskopf SP ATF 4026 is fully compatible with those ATFs produced in different colours.

Specifications

Aisin Warner JWS 3309 / JWS 3317
 Allison C4/TES-389/TES-295
 BMW ATF 6 (83 22 2 355 599)
 BMW 7045E/8072B/LA2634/LT71141
 Chrysler / Dodge / Jeep MS 9602, ATF +4, ATF +3
 Fiat 9.55550-AV4
 Ford Mercon V, WSS-M2C922-A1, WSS-M2C924-A
 GM Dexron IID, Dexron IIE, Dexron IIIG, Dexron IIHH
 Honda ATF-Z1 (except in CVT)
 Hyundai/Kia SP-II/SP-III/RED-1K, Isuzu ATF II/III
 Jaguar JLM 20238/20292/21044
 JASO M315 Type 1A

Mazda M-III/Type T-IV, JWS 3309
 Mercedes MB 236.14, MB 236.12
 Mercedes MB 236.91, MB 236.11,
 MB 236.10
 Mitsubishi SP-II, SP-III, ATF-J2
 Nissan Matic-D, Matic-J, Matic-K
 Subaru ATF HP, Suzuki ATF
 3314/3317
 Toyota / Lexus T, T-II, T-III, T-IV
 Volvo 1161540
 VW G 052 025 / G 052 055
 VW G 052 162 / G 052 990 / G
 055 025
 ZF TE ML 11A, 11B
 ZF ATF 1375.4 (6HP
 Transmissions)

Typical Standard Analyses

Density at 15 °C, Kg/m ³	861
Viscosity -30 °C, mm ² /s	2980
Viscosity 40 °C, mm ² /s	33,10
Viscosity 100 °C, mm ² /s	7,10
Viscosity Index	185
Flash Point COC, °C	200
Pour Point, °C	-54
Total base number, mgKOH/g	4,0
Brookfield -40 °C, mPa.s	7450

Available Packings

12 X 1 L Bottle,
 1 X 18 L Bag Box,
 1 X 208 L Drum



WIESSKOPF SP ATF 4036

Wisskopf SP ATF 4036 is a low-viscosity, synthetic Multi ATF. The product has been specially developed for use in modern, fuel-saving, automatic transmissions. New generation additives and advanced, synthetic, low-viscosity base oils provide the following properties:

- Excellent oxidation stability: extending the service life of the fluid
- Outstanding lubrication properties, even under the most extreme conditions
- Very high resistance to wear, corrosion and foaming
- Excellent shear stability
- An extremely low pour point: can be used at extremely low temperatures
- A very high viscosity index: reliable operation of the transmission at both high and low temperatures
- Excellent fuel-saving properties

Application

Wisskopf SP ATF 4036 is a synthetic, multi-functional ATF fluid with fuel-saving properties. This product has been specially developed for modern, automatic transmissions by various car manufacturers that require a high-grade, low-viscosity ATF with fuel-saving properties. Consult the advice database for tailor-made product advice.

Typical Standard Analyses

Density at 15 °C, Kg/m ³	845
Viscosity 40 °C, mm ² /s	29,60
Viscosity 100 °C, mm ² /s	5,90
Viscosity Index	149
Flash Point COC, °C	212
Flash point, PM, °C	180
Pour Point, °C	-48
Total base number, mgKOH/g	2,7
Acid number, mgKOH/g	1,10
Brookfield -40 °C, mPa.s	13000



Specifications

Aisin Warner JWS 3324 / AW-1
 Ford Mercon LV, Mercon SP
 GM Dexron VI
 Honda ATF DW-1
 Hyundai / Kia SP-IV, SP-IV M, SP-IV RR, SPH-IV
 Mazda FZ
 Mercedes MB 236.41
 Nissan Matic K, Matic S, Matic W
 Toyota / Lexus ATF WS
 Tesla ATF9 / EDF2
 VW G 053 001 / G 053 025 / G 055 005 / G 055 025
 VW G 055 162 / G 055 540 / G 060 162

Available Packings

12 x 1 L bottle,
 1 x 18 L bag box,
 1 x 208 L drum

WIESSKOPOF ATF-A

Wisskopf ATF - A is a premium, automatic transmission oil based on solvent-refined base oils. It is supplemented with additives to achieve the following properties:

- A very high and stable viscosity index
- A very low pour point
- Excellent oxidation stability
- Effective resistance to corrosion and foaming

Application

Wisskopf ATF - A can be used for automatic and semi-automatic gearboxes, power steering systems and other applications for which a type Wisskopf ATF - A oil is recommended.

Specifications

GM Type A Suffix A
 GM Dexron B
 Allison C3
 Ford M2C41-A/B
 MB 236.2

Available Packings

12 X 1 L Bottle,
 1 X 18 L Bag Box,
 1 X 208 L Drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	862
Viscosity 40 °C, mm ² /s	39,00
Viscosity 100 °C, mm ² /s	7,22
Viscosity Index	151
Flash Point COC, °C	224
Pour Point, °C	-42
Total base number, mgKOH/g	0,8
Sulphate Ash, %	0,18
Brookfield -40 °C, mPa.s	24220

WIESSKOPF ATF-F

Wisskopf ATF-F (Ford) is a premium, automatic transmission oil based on solvent-refined base oils. It is supplemented with additives to achieve the following properties:

- A very high and stable viscosity index
- A very low pour point
- Excellent oxidation stability
- Effective resistance to wear, corrosion and foaming
- Special friction properties
- Does not affect seals and non-ferrous metals

Application

Wisskopf ATF-F (Ford) can be used for automatic gearboxes, power steering systems and torque converters for which a type Wisskopf ATF-F (Ford) oil is recommended.

Specifications

Ford M2C33-F/G
 Ford M2C9007-AA
 BorgWarner
 Volvo 97330

Typical Standard Analyses

Density at 15 °C, Kg/m ³	855
Viscosity 40 °C, mm ² /s	33,60
Viscosity 100 °C, mm ² /s	7,21
Viscosity Index	178
Flash Point COC, °C	195
Pour Point, °C	-42
Total base number, mgKOH/g	1,6
Brookfield -40 °C, mPa.s	18939

Available Packings

12 x 1 L bottle,
 1 x 18 L bag box,
 1 x 208 L drum

WIESSKOPOF DEXRON III-H ATF

Wiesskopf Dexron III-H ATF Almirol is a premium automatic transmission oil for the latest generation. By selecting premium-quality base oils and optimising the synthetic package of additives, the product features the following unique properties:

- Extremely low viscosity at low temperatures
- A very high and stable viscosity index
- A very low pour point
- Excellent oxidation stability at high temperatures
- Effective resistance to wear, corrosion and foaming
- Special friction properties
- Does not affect seals and non-ferrous metals

Application

Wiesskopf Dexron III-H ATF is suitable for automatic transmissions, power steering systems, torque converters and other applications for which General Motors and other constructors recommend a type ATF Dexron III-H oil. Consult the product specifications in the product sheet for correct usage.

Specifications

Allison C4/TES-389

Cat TO-2

Ford Mercon/M2C138-CJ/166-H

GM Dexron IID/IIIE/IIIF/IIIG/IIH

MAN 339 Typ Z1/V1

MB 236.1/236.5/236.6/236.7/236.9

Voith 55.6335 (G607)

Volvo 97341

ZF TE-ML 02F/03D/04D/09A/09B/11A/11B/14A/17C



Typical Standard Analyses

Density at 15 °C, Kg/m ³	854
Viscosity 40 °C, mm ² /s	35,80
Viscosity 100 °C, mm ² /s	7,30
Viscosity Index	175
Flash Point COC, °C	226
Pour Point, °C	-51
Total base number, mgKOH/g	0,9
Brookfield -40 °C, mPa.s	18980

Available Packings

- 12 X 1 L Bottle,
- 1 X 18 L Bag Box,
- 1 X 208 L Drum

WIESSKOPOF DEXRON II-D ATF

Wiesskopf Dexron II-D ATF is a premium, automatic transmission oil based on solvent-refined base oils. It is supplemented with additives to achieve the following properties:

- A very high and stable viscosity index
- A very low pour point
- Excellent oxidation stability
- Effective resistance to wear, corrosion and foaming
- Special friction properties
- Does not affect seals and non-ferrous metals



Application

Wiesskopf Dexron II-D ATF can be used for automatic gearboxes, power steering systems, torque converters and other applications for which General Motors and other constructors recommend a type Wiesskopf Dexron II-D ATF oil.

Specifications

Allison C4

Cat TO-2

Ford Mercon/M2C138-CJ/166-H

GM Dexron IID

MAN 339 Typ Z1/V1

MB 236.6/236.7

Voith 55.6335 (G607)

ZF TE-ML 09/11A/14A

Typical Standard Analyses

Density at 15 °C, Kg/m ³	859
Viscosity 40 °C, mm ² /s	36,50
Viscosity 100 °C, mm ² /s	7,50
Viscosity Index	162
Flash Point COC, °C	225
Pour Point, °C	-48
Total base number, mgKOH/g	0,9
Brookfield -40 °C, mPa.s	25690

Available Packings

- 12 x 1 L bottle,
- 1 x 18 L bag box,
- 1 x 208 L drum



STELLA FG 32

Stella FG 32 is a premium, hydraulic oil for the pharmaceutical and food industry. The product is based on a mix of specially selected, food-safe, white base oils and advanced additives. Stella FG 32 therefore features the following properties:

- Outstanding wear resistance
- Effective against rust and corrosion
- Excellent oxidation stability
- Good demulsifier
- Good air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point
- Non-toxic

Application

Stella FG 32 is a hydraulic oil that has been approved for use in the pharmaceutical and food industry. The product is H1 registered and is therefore ideally suited to situations in which incidental contact with food might occur.

Specifications

ISO 6743/4 HM/HV
DIN 51524/2 HLP

Typical Standard Analyses

Density At 15 °C, Kg/m ³	866
Viscosity 40 °C, mm ² /s	30,30
Viscosity 100 °C, mm ² /s	5,30
Viscosity Index	105
Flash Point Coc, °C	222
Pour Point, °C	-42
Acid Number, mgKOH/g	0,8

STELLA FG 46

Stella FG 46 is a premium, hydraulic oil for the pharmaceutical and food industry. The product is based on a mix of specially selected, food-safe, white base oils and advanced additives. Stella FG 46 therefore features the following properties:

- Outstanding wear resistance
- Effective against rust and corrosion
- Excellent oxidation stability
- Good demulsifier
- Good air-release and resistance to foaming
- Does not affect synthetic seals
- Non-toxic

Application

Stella FG 46 is a hydraulic oil that has been approved for use in the pharmaceutical and food industry. The product is H1 registered and is therefore ideally suited to situations in which incidental contact with food might occur.

Specifications

ISO 6743/4 HM/HV
DIN 51524/2 HLP

Typical Standard Analyses

Density At 15 °C, Kg/m ³	870
Viscosity 40 °C, mm ² /s	46
Viscosity 100 °C, mm ² /s	6,90
Viscosity Index	104
Flash Point Coc, °C	232
Pour Point, °C	-20
Acid Number, mgKOH/g	0,7

STELLA FG 68

Stella FG 68 is a premium, hydraulic oil for the pharmaceutical and food industry. The product is based on a mix of specially selected, food-safe, white base oils and advanced additives. Stella FG 68 therefore features the following properties:

- Outstanding wear resistance
- Effective against rust and corrosion
- Excellent oxidation stability
- Good demulsifier
- Good air-release and resistance to foaming
- Does not affect synthetic seals
- Non-toxic

Application

Stella FG 68 is a hydraulic oil that has been approved for use in the pharmaceutical and food industry. The product is H1 registered and is therefore ideally suited to situations in which incidental contact with food might occur.

Specifications

ISO 6743/4 HM/HV
DIN 51524/2 HLP

Typical Standard Analyses

Density At 15 °C, Kg/m ³	870
Viscosity 40 °C, mm ² /s	68
Viscosity 100 °C, mm ² /s	9,00
Viscosity Index	106
Flash Point Coc, °C	250
Pour Point, °C	-20
Acid Number, mgKOH/g	0,0

STELLA FG 150

Stella FG 150 is a premium, transmission oil for the pharmaceutical and food industry. The product is based on a mix of specially selected, food-safe, white base oils and advanced additives, and features the following special properties:

- Resistant to high pressures and shock loads
- Can be used within a temperature range of -5 °C to 140 °C
- Effective against rust/corrosion
- Outstanding wear resistance
- Excellent resistance to foaming
- No coating and/or deposits are formed
- Non-toxic

Application

Stella FG 150 is a food-safe transmission oil for use in the pharmaceutical and food industry, and is H1 registered. That is why Stella FG 150 is particularly suitable for lubricating almost all types of industrial gear transmissions in which incidental contact between the lubricant and food might occur.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	874
Viscosity 40 °C, mm ² /s	143,6
Viscosity 100 °C, mm ² /s	14,8
Viscosity Index	103
Flash Point Coc, °C	250
Pour Point, °C	-9
Acid Number, mgKOH/g	0,75

Specifications

DIN 51517-3 CLP
ISO 12925-1 CKB

STELLA FG 220

Stella FG 220 is a premium, transmission oil for the pharmaceutical and food industry. The product is based on a mix of specially selected, food-safe, white base oils and advanced additives. Stella FG 220 features the following special properties:

- Resistant to high pressures and shock loads
- Can be used within a temperature range of -5 °C to 160 °C
- Effective against rust/corrosion
- Outstanding wear resistance
- Excellent resistance to foaming
- No coating and/or deposits are formed
- Non-toxic

Application

Stella FG 220 is a food-safe transmission oil for use in the pharmaceutical and food industry, and is H1 registered. That is why Stella FG 220 is particularly suitable for lubricating almost all types of industrial gear transmissions in which incidental contact between the lubricant and food might occur.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	876
Viscosity 40 °C, mm ² /s	213
Viscosity 100 °C, mm ² /s	19,4
Viscosity Index	103
Flash Point Coc, °C	250
Pour Point, °C	-9
Acid Number, mgKOH/g	0,75

Specifications

DIN 51517-3 CLP
ISO 12925-1 CKB

STELLA FG 460

Stella FG 460 is a premium transmission oil for the pharmaceutical and food industry. The product is based on a mix of specially selected, food-safe, white base oils and advanced additives in order to achieve the following properties:

- Resistant to high pressures and shock loads
- Can be used within a temperature range of -5 °C to 160 °C
- Effective against rust/corrosion
- Outstanding wear resistance
- Excellent resistance to foaming
- No coating and/or deposits are formed
- Non-toxic

Application

Stella FG 460 is a food-safe transmission oil for use in the pharmaceutical and food industry, and is H1 registered. That is why Stella FG 460 is particularly suitable for lubricating almost all types of industrial gear transmissions in which incidental contact between the lubricant and food might occur.

Specifications

DIN 51517-3 CLP
ISO 12925-1 CKB

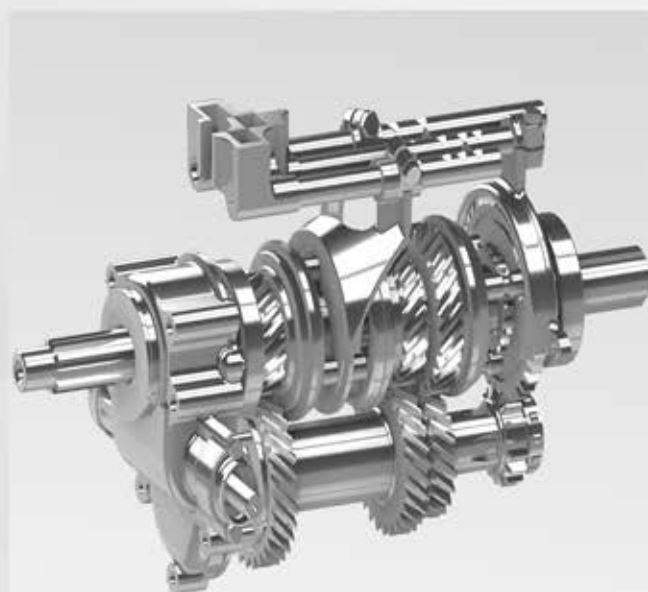
Typical Standard Analyses

Density At 15 °C, Kg/m ³	881
Viscosity 40 °C, mm ² /s	433
Viscosity 100 °C, mm ² /s	31,6
Viscosity Index	105
Flash Point Coc, °C	264
Pour Point, °C	-12
Acid Number, mgKOH/g	0,75

COMP SFG 46

Comp SFS 46 is a premium, fully synthetic screw compressor oil for the pharmaceutical and food industry. The product is based on a mix of fully synthetic polyalphaolefin (PAO) base oils and advanced additives. Comp SFS 46 features the following special properties:

- Excellent oxidation stability
- Superior thermal resistance
- Outstanding wear resistance
- Effective against rust and corrosion
- Suitable for extended oil change intervals
- Reduced energy consumption
- No coating and/or deposits are formed
- Does not affect synthetic seals
- Non-toxic



Application

Comp SFS 46 is a food-safe, fully synthetic compressor oil that has been approved for use in the pharmaceutical and food industry. This compressor oil is suitable for use in both screw compressors and rotary-vane compressors subject to a light load. Comp SFS 46 is H1 registered and is therefore ideally suited to situations in which incidental contact with food might occur.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	857
Viscosity 40 °C, mm ² /s	45,37
Viscosity 100 °C, mm ² /s	7,84
Viscosity Index	143
Flash Point Coc, °C	276
Pour Point, °C	-42
Acid Number, mgKOH/g	0,50

Specifications

DIN 51506 VDL
ISO-L-DAJ / DVC (According to ISO/DIS 6743-3)



COMP SFS 100

Comp SFS 100 is a premium, fully synthetic compressor oil for the pharmaceutical and food industry. The product is based on a mix of fully synthetic polyalphaolefin (PAO) base oils and advanced additives. Comp SFS 100 features the following special properties:

- Excellent oxidation stability
- Superior thermal resistance
- Outstanding wear resistance
- Effective against rust and corrosion
- Suitable for extended oil change intervals
- Reduced energy consumption
- No coating and/or deposits are formed
- Does not affect synthetic seals
- Non-toxic

Application

Comp SFS 100 is a food-safe, fully synthetic compressor oil that has been approved for use in the pharmaceutical and food industry. This compressor oil is suitable for use in both reciprocating compressors and rotary vane compressors. Comp SFS 100 is H1 registered and is therefore ideally suited to situations in which incidental contact with food might occur.



Specifications

DIN 51506 VDL
ISO-L-DAB / DVC (According to
ISO/DIS 6743-3)

Typical Standard Analyses

Density At 15 °C, Kg/m ³	858
Viscosity 40 °C, mm ² /s	102
Viscosity 100 °C, mm ² /s	14.72
Viscosity Index	149
Flash Point Coc, °C	274
Pour Point, °C	-45
Acid Number, mgKOH/g	0.50



CHAINLUBRI SFG 220

Chainlubri SFG 220 is a premium, fully synthetic chain lubricant that has been specially developed for use in the pharmaceutical and food industry. Chainlubri SFG 220 is based on a mix of specially selected, food-safe, fully synthetic, ester base oils and advanced additives in order to achieve the following properties:

- Excellent oxidation stability
- Superior thermal resistance
- Outstanding shear stability
- Water repellent
- Effective against rust and corrosion
- A long-life lubricant film
- Economic in use
- No coating and/or (carbon) deposits are formed
- Non-toxic

Application

Chainlubri SFG is a food-safe, fully synthetic chain lubricant that has been approved for use in the pharmaceutical and food industry. The product is recommended for oven chains, transport chains, hoisting chains (e.g. fork-lift trucks) and chain drives. Chainlubri SFG is H1 registered and is therefore ideally suited to situations in which incidental contact with food might occur.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	953
Viscosity 40 °C, mm ² /s	216.30
Viscosity 100 °C, mm ² /s	26.10
Viscosity Index	153
Flash Point Coc, °C	252
Pour Point, °C	-36
Acid Number, mgKOH/g	0.76

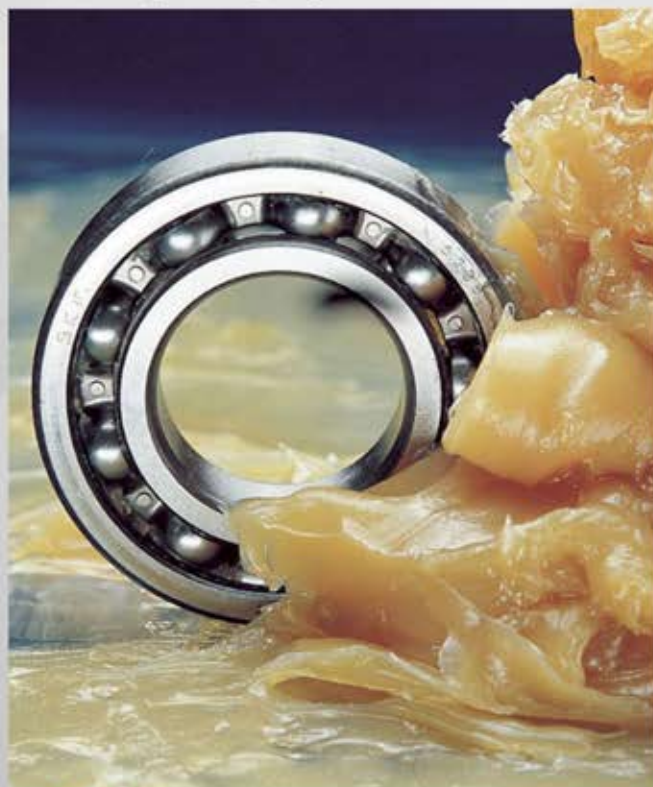


MULTI WHITE PTFE GREASE MFG H1

Multi White PTFE Grease MFG H1 is a non-toxic, transparent, white grease formulated from a pure, medicinal base oil and PTFE. It is supplemented with special additives to achieve the following properties:

Very strong adhesion

- Outstanding resistance to water and steam
- Effective protection against corrosion
- Effective moisture dispersant
- Very powerful protection against wear
- Effective anti stick-slip properties
- Outstanding penetrating ability



Application

Multi White PTFE Grease MFG H1 is an H1-registered grease with a highly universal character. The special composition means that the product can be used for the following purposes, among others:

Food industry

Various types of bearings, including roller bearings and ball bearings

Chains

Cables

A range of power drive systems, even in damp environments

All kinds of guide-tracks and rods

Typical Standard Analyses

Penetration (worked) 0.1 mm	280
Dropping Point, °C	300

Specifications

NLGI Grade 0/1

DIN 51825, KPGOGO.5N-30

[Weisskopf](http://www.weisskopf.com.tr)

ALPLEX SGS GREASE EP 2

Alplex SFG Grease EP 2 is an aluminium complex grease, based on fully synthetic base oils (PAO) and advanced additives. The product contains only raw materials approved by the U.S. Food & Drug Administration for use in lubricants that, in one way or another, might come into contact with food. Alplex SFG Grease EP 2 is produced in specially designed machinery and contained in special packaging. Thanks to carefully selected additives, the product achieves the following properties:

- Outstanding lubrication and wear-resistance
- Effective protection against corrosion and water resistant
- Odourless, tasteless and 100% non-toxic
- Extremely stable and good pumpability
- High temperature range
- Can also be used at very low temperatures



Application

Alplex SFG Grease EP 2 is a premium, food-safe, multi-purpose grease, which complies with the FDA 21 CFR 178.3570 regulations. Alplex SFG Grease EP 2 is H1 registered

and is therefore ideally suited to situations in which incidental contact with food might occur.

Specifications

NLGI Grade 2

DIN 51502 KPFHC 2 N-40

Typical Standard Analyses

Penetration (worked) 0.1 mm	265-295
Dropping Point, °C	>250
Temperature Limit, °C	-45/160
Base Oil Viscosity, 40 °C mm ² /s	350

www.weisskopf.com.tr

WK AF 10

WK AF 10 is a high grade Extreme Pressure hydraulic oil based on selected solvent refined base oils having a natural viscosity index, under addition of additives to obtain the following properties:

- An excellent protection against wear
- A very good activity against rust and corrosion
- An excellent stability against oxidation
- Very good demulsification properties
- Very good deaerating and foam-suppressing properties
- Good compatibility with seals and gaskets made from synthetic material
- Low pour point

Application

WK AF 10 is a type of hydraulic fluid and may be used for heavy duty hydraulic equipment, as well as for light duty gear boxes and bearings. This hydraulic oil may also be used for lubrication systems, general lubrication and vacuum pumps (with the exclusion of turbines). This fluid is not compatible in systems, containing parts or equipment with a silver lining.



Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM
DIN 51524-2 HLP
ISO 11158 HM

Available Packings

18 L tin
208 L drum

Weisskopf

Typical Standard Analyses

Density At 15 °C, Kg/m ³	888
Viscosity 40 °C, Mm ² /s	10,00
Viscosity 100 °C, Mm ² /s	2,60
Viscosity Index	90
Flash Point Coc, °C	172
Pour Point, °C	-63
Acid Number, mgKOH/g	0,30
Sulphate Ash, %	0,06

WK H 15



WK H 15 is a premium, multigrade 'Extreme Pressure' hydraulic oil based on specially selected solvent-refined base oils. It is supplemented with special additives to achieve the following properties:

- A high and stable viscosity index
- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A very low pour point

Application

WK H 15 is ideally suited to all heavy-duty hydraulic systems in earth-moving machinery and in fixed installations that are required to operate under high pressures and within a wide temperature range.

Specifications

AFNOR NF E 48-603 HV
ASTM D 6158 HV
DIN 51524-3 HVLP
ISO 11158 HV

Typical Standard Analyses

Density at 15 °C, Kg/m ³	884
Viscosity 40 °C, mm ² /s	15,60
Viscosity 100 °C, mm ² /s	3,83
Viscosity Index	143
Flash Point PM, °C	152
Flash Point COC, °C	152
Pour Point, °C	-60
Acid number, mgKOH/g	0,40
Sulphate Ash, %	0,06

Available Packings

18 L tin
208 L drum

www.weisskopf.com.tr



WK ACD 22

WK ACD 22 is a premium, detergent hydraulic oil based on specially selected solvent-refined base oils with a naturally high viscosity index. It is supplemented with multifunctional additives to achieve the following properties:

- Outstanding wear resistance
- Excellent resistance to rust and corrosion
- Excellent oxidation stability
- Excellent cleaning ability
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point
- Ability to absorb small quantities of water

Application

WK ACD 22 is suitable both for heavy-duty hydraulic installations and for gear transmissions and bearings subjected to a light load. Furthermore, this oil is also highly suitable for use as circulation lubrication (with the exception of turbines), in vacuum pumps and for general mechanical lubrication.

Specifications

DIN 51524-2 HLPD

Available Packings

18 L tin

208 L drum

Typical Standard Analyses

Density at 15 °C, Kg/m ³	857
Viscosity 40 °C, mm ² /s	22,10
Viscosity 40 °C, mm ² /s	4,49
Viscosity 100 °C, mm ² /s	116
Viscosity Index	197
Flash Point PM, °C	-42
Pour Point, °C	0,55

WK H 22

Description WK H 22 is a premium, multigrade 'Extreme Pressure' hydraulic oil based on specially selected solvent-refined base oils. It is supplemented with special additives to achieve the following properties:

- A high and stable viscosity index
- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A very low pour point

Application

WK H 22 is ideally suited to all heavy-duty hydraulic systems in earth-moving machinery and in fixed installations that are required to operate under high pressures and within a wide temperature range.

Available Packings

35489 20 L pail

12194 60 L drum

34119 208 L drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	875
Viscosity 40 °C, Mm ² /s	22,00
Viscosity 100 °C, Mm ² /s	5,00
Viscosity Index	163
Flash Point Coc, °C	192
Pour Point, °C	-45
Acid Number, mgKOH/g	0,40
Sulphate Ash, %	0,06

Specifications

AFNOR NF E 48-603 HV

ASTM D 6158 HV

DIN 51524-3 HVLP

ISO 11158 HV

WK AF 32

WK AF 32 is a premium 'Extreme Pressure' hydraulic oil, based on specially selected solvent-refined base oils, with a naturally high viscosity index, supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent resistance to rust and corrosion
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

WK AF 32 is suitable both for heavy-duty hydraulic installations and for gearbox transmissions and bearings subject to light loads. Furthermore, WK AF 32 is also highly suitable for use as circulation lubrication (with the exception of turbines), for vacuum pumps and general machine lubrication.

Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM Cincinnati Machine P-68
Denison HF-0/HF-1/HF-2
DIN 51524-2 HLP
Eaton Brochure 694 for 35VQ25A
GM LS-2
ISO 11158 HM
ISO 6743-3 DVC

Typical Standard Analyses

Density At 15 °C, Kg/m ³	869
Viscosity 40 °C, Mm ² /s	32,00
Viscosity 100 °C, Mm ² /s	5,52
Viscosity Index	102
Flash Point Coc, °C	205
Pour Point, °C	-30
Acid Number, mgKOH/g	0,40
Sulphate Ash, %	0,06

WK H 32

Application

WK H 32 is a premium, multigrade 'Extreme Pressure' hydraulic oil based on specially selected solvent-refined base oils. It is supplemented with special additives to achieve the following properties:

- A high and stable viscosity index
- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A very low pour point

Specifications

AFNOR NF E 48-603 HV
ASTM D 6158 HV
Cincinnati Machine P-68
Denison HF-0/HF-1/HF-2
DIN 51524-3 HVLP
Eaton Brochure 694 for 35VQ25A
GM LS-2
ISO 11158 HV

WK H 32 is ideally suited to all heavy-duty hydraulic systems in earth-moving machinery and in fixed installations that are required to work under high pressures and within a wide temperature range.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	858
Viscosity -30 °C, mPa.s	4940
Viscosity 40 °C, Mm ² /s	33,30
Viscosity 100 °C, Mm ² /s	6,44
Viscosity Index	145
Flash Point Coc, °C	190
Pour Point, °C	-39
Acid Number, mgKOH/g	0,40
Sulphate Ash, %	0,06
Conductivity, pS	190 T

WK XVI 32

WK XVI 32 is a premium-quality hydraulic oil with a very high viscosity index. Thanks to the use of premium synthetic base oils and an advanced additive system, the following unique properties are achieved:

- An extremely high and stable viscosity index
- Superior protection against wear
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Superior thermal stability
- Excellent demulsifier
- Outstanding shearing stability
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals, either at high or low oil temperatures
- Very low pour point

Application

WK XVI 32 is ideally suited for use in transport, agricultural and earth-moving machinery, wherever heavy-duty hydraulic systems are required to work under high pressures and extreme temperature variations.



Weisskopf Oils

Typical Standard Analyses

Density At 15 °C, Kg/m ³	840
Viscosity 40 °C, Mm ² /s	34,20
Viscosity 100 °C, Mm ² /s	11,20
Viscosity Index	340
Flash Point Coc, °C	162
Pour Point, °C	-51

Specifications

AFNOR NF E 48-603 HV
AIST (US Steel) 126/127/136
Cincinnati Machine P-68
Denison HF-0/HF-1/HF-2
DIN 51524-3 HVLP
Eaton (Vickers) M-2950-S
ISO 11158 HV
ISO 6743/4 HV
SEB 181 222

WK SUPER HVI 32

WK Super HVI 32 is a premium, multigrade 'Extreme Pressure' hydraulic oil based on specially selected solvent-refined base oils. It is supplemented with special additives to achieve the following unique properties:

- An extremely high and stable viscosity index
- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals, either at high or low oil temperatures
- A very low pour point

Application

WK Super HVI 32 is especially suitable for all heavy-duty hydraulic systems in earth-moving machinery and in fixed installations that are required to operate under high pressures and within a wide temperature range.



Typical Standard Analyses

Density At 15 °C, Kg/m ³	869
Viscosity 40 °C, Mm ² /s	32,00
Viscosity 100 °C, Mm ² /s	700
Viscosity Index	189
Flash Point Coc, °C	182
Pour Point, °C	-45
Acid Number, mgKOH/g	0,40
Sulphate Ash, %	0,06

Specifications

AFNOR NF E 48-603 HV
ASTM D 6158 HV
Cincinnati Machine P-68
Denison HF-0/HF-1/HF-2
DIN 51524-3 HVLP
Eaton Brochure 694 for 35VQ25A
GM LS-2 ISO 11158 HV



WK AF 46

Perlus AF 46 is a premium 'Extreme Pressure' hydraulic oil, based on specially selected solvent-refined base oils, with a naturally high viscosity index, supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent resistance to rust and corrosion
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

WK AF 46 is suitable both for heavy-duty hydraulic installations and for gear transmissions and bearings subject to light loads. Furthermore, WK AF 46 is also highly suitable for use as circulation lubrication (with the exception of turbines), for vacuum pumps and general mechanical lubrication.

Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM
Cincinnati Machine P-70
Denison HF-0/HF-1/HF-2
DIN 51524-2 HLP
Eaton Brochure 694 for 35VQ25A
GM LS-2
ISO 11158 HM
ISO 6743-3 DVC

Typical Standard Analyses

Density At 15 °C, Kg/m ³	876
Viscosity 40 °C, Mm ² /s	46,60
Viscosity 100 °C, Mm ² /s	6,76
Viscosity Index	98
Flash Point Coc, °C	212
Pour Point, °C	-39
Acid Number, mgKOH/g	1,50
Sulphate Ash, %	0,06
Conductivity, pS	124

WK ACD 46

WK ACD 46 is a premium detergent hydraulic oil, based on specially selected solvent-refined base oils, with a naturally high viscosity index, supplemented with multifunctional additives to achieve the following properties:

- Outstanding wear resistance
- Excellent resistance to rust and corrosion
- Excellent oxidation stability
- Excellent cleaning ability
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point
- Ability to absorb small quantities of water

Application

WK ACD 46 is suitable both for heavy-duty hydraulic installations and for gear transmissions and bearings subjected to light loads. Furthermore, this oil is also highly suitable for use as circulation lubrication (with the exception of turbines), in vacuum pumps and for general mechanical lubrication.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	879
Viscosity 40 °C, Mm ² /s	46,00
Viscosity 100 °C, Mm ² /s	7,37
Viscosity Index	123
Flash Point Coc, °C	215
Pour Point, °C	-30
Total Base Number, mgKOH/g	6,9
Sulphate Ash, %	0,94

WK H 46

WK H 46 is a premium, multigrade 'Extreme Pressure' hydraulic oil based on specially selected solvent-refined base oils. It is supplemented with special additives to achieve the following properties:

- A high and stable viscosity index
- Outstanding wear resistance
- Excellent rust and corrosion protection
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A very low pour point

Application

WK H 46 is ideally suited to all heavy-duty hydraulic systems in earth-moving machinery and in fixed installations that are required to operate under high pressures and within a wide temperature range.

Specifications

AFNOR NF E 48-603 HV
ASTM D 6158 HV
Cincinnati Machine P-70
Denison HF-0/HF-1/HF-2
DIN 51524-3 HVLP
Eaton Brochure 694 for 35VQ25A
GM LS-2
ISO 11158 HV

Typical Standard Analyses

Density At 15 °C, Kg/m ³	855
Viscosity 40 °C, Mm ² /s	45,80
Viscosity 100 °C, Mm ² /s	8,04
Viscosity Index	149
Flash Point Coc, °C	220
Pour Point, °C	-42
Acid Number, mgKOH/g	0,40
Sulphate Ash, %	0,06
Conductivity, pS	137

WK HCD 46

WK HCD 46 is a premium, detergent, multigrade 'Extreme Pressure' hydraulic oil based on specially selected, solvent-refined base oils. It is supplemented with additives to achieve the following properties:

- A high and stable viscosity index
- Outstanding wear resistance
- Very effective against corrosion
- Excellent oxidation stability
- Excellent cleaning and dispersion
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- Ability to absorb small quantities of water
- A very low pour point

Specifications

DIN 51524-3 HVLPD

Application

WK HCD 46 is ideally suited to heavy-duty hydraulic systems in earth-moving machinery and in fixed installations that are required to operate under high pressures and within a wide temperature range. WK HCD 46 should not be used in systems containing silverplated components.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	848
Viscosity 40 °C, Mm ² /s	46,00
Viscosity 100 °C, Mm ² /s	8,35
Viscosity Index	153
Flash Point Coc, °C	200
Pour Point, °C	-39
Acid Number, mgKOH/g	0,60
Sulphate Ash, %	0,66
Conductivity, pS	709

WK AF 68

WK AF 68 is a premium 'Extreme Pressure' hydraulic oil, based on specially selected solvent-refined base oils, with a naturally high viscosity index, supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent resistance to rust and corrosion
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

WK AF 68 is suitable both for heavy-duty hydraulic installations and for gear transmissions and bearings subject to a light load. Furthermore, WK AF 68 is also highly suitable for use as circulation lubrication (with the exception of turbines), for vacuum pumps and general mechanical lubrication.

Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM
Cincinnati Machine P-69
Denison HF-0/HF-1/HF-2
DIN 51524-2 HLP
Eaton Brochure 694 for 35VQ25A
GM LS-2
ISO 11158 HM
ISO 6743-3 DVC

Typical Standard Analyses

Density At 15 °C, Kg/m ³	883
Viscosity 40 °C, Mm ² /s	68,00
Viscosity 100 °C, Mm ² /s	8,80
Viscosity Index	102
Flash Point Coc, °C	220
Pour Point, °C	-24
Acid Number, mgKOH/g	0,40
Sulphate Ash, %	0,06
Conductivity, pS	68

WK H 68

WK H 68 is a premium, Multigrade 'Extreme Pressure' hydraulic oil based on specially selected solvent-refined base oils. It is supplemented with special additives to achieve the following properties:

Application

WK H 68 is ideally suited to all heavy-duty hydraulic systems in earth-moving machinery and in fixed installations that are required to operate under high pressures and within a wide temperature range.

Specifications

AFNOR NF E 48-603 HV
ASTM D 6158 HV
Cincinnati Machine P-69
Denison HF-0/HF-1/HF-2
DIN 51524-3 HVLP
Eaton Brochure 694 for 35VQ25A
GM LS-2
ISO 11158 HV

Typical Standard Analyses

Density At 15 °C, Kg/m ³	870
Viscosity 40 °C, Mm ² /s	68,00
Viscosity 100 °C, Mm ² /s	11,20
Viscosity Index	157
Flash Point Coc, °C	210
Pour Point, °C	-36
Acid Number, mgKOH/g	0,40
Sulphate Ash, %	0,06
Conductivity, pS	103

WK AF 100

WK AF 100 is a premium 'Extreme Pressure' hydraulic oil, based on specially selected solvent-refined base oils, with a naturally high viscosity index, supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Excellent resistance to rust and corrosion
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

WK AF 100 is suitable for both heavy-duty hydraulic installations and for gear transmissions and bearings subject to a light load. Furthermore, WK AF 100 is also highly suitable for use as circulation lubrication (with the exception of turbines), for vacuum pumps and general mechanical lubrication.



Typical Standard Analyses

Density At 15 °C, Kg/m ³	880
Viscosity 40 °C, Mm ² /s	100,00
Viscosity 100 °C, Mm ² /s	11,20
Viscosity Index	97
Flash Point Coc, °C	235
Pour Point, °C	-21
Acid Number, mgKOH/g	0,40
Sulphate Ash, %	0,06
Conductivity, pS	48

Specifications

AFNOR NF E 48-603 HM
ASTM D 6158 HM
DIN 51524-2 HLP
ISO 11158 HM
ISO 6743-3 DVC

SUPERIOR LI-COMPLEX GREASE HT Q9

Superior Li-Complex Grease HT Q9 is a premium, universal, blue-coloured lubricant grease. It is based on the latest lithium-complex soap and a mineral base oil and is supplemented with special anti-corrosion, anti-wear and 'Extreme Pressure' additives to achieve the following properties:

- Wide temperature range from -30 °C to 150 °C (peaking at 220°C)
- Very strong adhesion to metal
- Excellent stability, as a result of which a long service life can be achieved
- Good resistance to corrosion and wear
- Excellent pumpability
- Outstanding 'EP' properties
- Resistant to shocks, vibrations and sudden loads
- Unleaded and nitrite-free; contains non-toxic ingredients
- Can be mixed with mineral oil-based lithium greases



Application

Superior Li-Complex Grease HT Q9 is a blue, premium universal lubricant grease, suitable for industrial and automotive applications. The outstanding all-round properties make this the first choice for a range of bearings, including bearings exposed to heavy loads and/or high temperatures (up to 220 °C). Superior Li-Complex Grease HT Q9 is available in handy Lube Shuttle screw cartridges. The Lube Shuttle grease guns can be ordered from us separately.

Typical Standard Analyses

Penetration, (worked) 0.1 mm	280
Dropping Point, °C	250
Temperature Limit, °C	-30/150
Base Oil Viscosity, 40 °C mm ² /s	200
4-Ball Welding Load, N	30

Available Packings

- 12x 400 g.
- 1 x 18 kg pail,
- 1x50 kg drum,
- 1 x 180 kg drum

Specifications

- NLGI Grade 2
- DIN 51 502, KP 2 N-30

UNIVERSAL GREASE ST Q7

Universal Grease ST Q7 Universal Grease is a green-coloured, universal, long-filament grease. It is formulated from a lithium soap thickening agent and a mineral base oil. Adding a small amount of polymers ensures extremely effective adhesion and an excellent, long-filament structure. Furthermore, it is supplemented with special anti-corrosion, anti-wear and 'Extreme Pressure' additives to achieve the following properties:

- Very strong adhesion to metal
- Superb resistance to water penetration
- Excellent mechanical stability
- Good resistance to corrosion and wear
- Excellent pumpability
- Outstanding EP properties

Application

Universal Grease ST Q7 is a green-coloured long-filament universal grease suitable for industrial, agricultural and forestry applications. Its outstanding adhesion makes it the first choice for slow to medium speed rotary applications. However, it is less suited to rapidly rotating bearings.

Universal Grease ST Q7 is available in a very handy, special Lube Shuttle screw cartridge. The Lube Shuttle grease guns can be ordered from us separately.

Specifications

- NLGI Grade 2
- DIN 51 502, KP 2 K-30

Typical Standard Analyses

Penetration, (worked) 0.1 mm	280
Dropping Point, °C	190
Temperature Limit, °C	-30/130
Base Oil Viscosity, 40 °C mm ² /s	195
4-Ball Welding Load, N	260

MP LITHIUM GREASE EP 2

MP Lithium Grease EP 2 is a multipurpose grease based on highly refined, highly viscous base oils containing lithium soap as a thickening agent. It is supplemented with special 'Extreme Pressure' and other additives to achieve the following properties:

- Strong adhesion to metal
- Outstanding water displacement
- Excellent stability
- Effective resistance to corrosion and wear
- Excellent pumpability
- Outstanding 'Extreme Pressure' properties

Application

MP Lithium Grease EP 2 can be used for the lubrication of bearings in vehicles and construction machinery subject to heavy and/or shock loads. MP Lithium Grease EP 2 is also suitable for heavy-duty pivots in damp and dusty environments.

Typical Standard Analyses

Penetration, (worked) 0.1 mm	280
Dropping Point, °C	19
Temperature Limit, °C	-30/130
Base Oil Viscosity, 40 °C mm ² /s	195
4-Ball Welding Load, N	260

Specifications

- NLGI Grade 2
- DIN 51 502, KP 2 K-30
- MAN 283 Li-P 2

HD LI-CA COMPLEX GREASE EP 2

HD Li-Ca Complex Grease EP 2 is a premium lubricant grease, formulated from a thick base oil with polymers and a lithium-calcium soap and is supplemented with special anti-corrosion, anti-wear and 'Extreme Pressure' additives to achieve the following properties:

- Superior adhesion to metal
- Effective grease collar to prevent mud, dirt and water from entering
- Outstanding water resistance
- Excellent stability, as a result of which a long service life can be achieved
- Good resistance to corrosion and wear
- Excellent pumpability
- Outstanding high pressure 'Extreme Pressure' properties
- Resistant to shock, vibrating and sudden loads
- Unleaded and nitrite-free; contains non-toxic ingredients



Application

HD Li-Ca Complex Grease EP 2 is a premium grease, able to withstand very heavy-duty applications in agriculture, earth-moving and industry. Some examples:

- Boom and bus joints of digger arms on hydraulic excavators
- Support bearings of main booms, masts on draglines and cranes
- Pentagons and hexagons, ladder dredger bearings on bucket dredgers, cutting head and suction dredgers
- Heavy-duty slow running bearings in earth moving, agricultural machinery and industry

Specifications

NLGI Grade 2
DIN 51 502, KP 2 N-25

Typical Standard Analyses

Penetration, (worked) 0,1 mm	280
Dropping Point, °C	190
Temperature Limit, °C	-25/140
Base Oil Viscosity, 40 °C mm ² /s	720
4-Ball Welding Load, N	3400

MP LI-MO GREASE EP 2

MP Li-Mo Grease EP 2 is a multipurpose grease based on highly refined base oils with lithium soap as a thickening agent, supplemented with molybdenum disulfide and other additives to achieve the following properties:

- Strong adhesion to metal
- Excellent boundary lubrication
- Outstanding water displacement
- Excellent stability
- Effective resistance to corrosion and wear
- A low friction coefficient
- Resistant to high pressures

Application

MP Li-Mo Grease EP 2 can be used for the lubrication of heavy-duty pivot joints and fifth wheel applications of trucks subjected to severe loads. The grease is also suitable for lubricating difficult-to-reach areas.

Typical Standard Analyses

Penetration, (worked) 0,1 mm	280
Dropping Point, °C	185
Temperature Limit, °C	-30/130
Base Oil Viscosity, 40 °C mm ² /s	195
4-Ball Welding Load, N	3200

Specifications

NLGI Grade 2
DIN 51 502, KPF 2 K-30

PTFE WHITE GREASE EP 2

PTFE White Grease EP 2 is a multipurpose grease based on highly refined, highly viscous base oils, which uses lithium-complex soap as a thickening agent, supplemented with additives to achieve the following properties:

- Strong adhesion to metal
- Outstanding water displacement
- Excellent stability
- Effective resistance to corrosion and wear
- Excellent pumpability

Application

PTFE White Grease EP 2 can be used for the lubrication of bearings in the road traffic, industrial and shipping sectors. PTFE White Grease EP 2 is suitable for lubrication points that could otherwise result in dirty stains if in contact with clothing, such as window and switching mechanisms, hinges, springs, locks, etc.



Typical Standard Analyses

Penetration, (worked) 0,1 mm	280
Dropping Point, °C	260
Temperature Limit, °C	-20/150
Base Oil Viscosity, 40 °C mm ² /s	115
4-Ball Welding Load, N	4000

Specifications

NLGI Grade 2
DIN 51 502, KP 2 N-25



PREMIUM WEISSKOPF LI COMPLEX GREASE

Premium Weisskopf Li Complex Grease, soap-based grease, formulated using the latest generation of lithium-complex soap and is supplemented with special anti-corrosion, anti-wear and 'Extreme Pressure' additives to achieve the following properties:

- Very strong adhesion to metal
- Excellent stability, as a result of which a long service life can be achieved
- Effective resistance to corrosion and wear
- Excellent pumpability
- Outstanding 'Extreme Pressure' properties
- Resistant to shock, vibrating and sudden loads
- Unleaded and nitrite-free; contains non-toxic ingredients
- Can be mixed with mineral oil-based lithium greases



Application

Premium Weisskopf Li Complex Grease is a premium, multipurpose grease that is able to withstand extremely heavy-duty applications in a range of different industrial sectors. Some examples are:

- Heavy-duty bearings of both sliding and ball bearings, slow and fast rotating
- Lubrication that is subjected to high temperatures in which peak temperatures of 225 °C may occur
- When a very long service-life is required
- Heavy-duty, slow-running bearings in earth moving, agriculture and industry

Specifications

NLGI Grade 2/3
DIN 51 502, KP 2-3 P-30

Typical Standard Analyses

Penetration, (worked) 0,1 mm	260
Dropping Point, °C	260
Temperature Limit, °C	-30/150
Base Oil Viscosity, 40 °C mm ² /s	210

Weisskopf

MULTI PURPOSE GREASE 3

Multi Purpose Grease 3 is based on highly refined base oils containing lithium soap as a thickening agent. It is supplemented with additives to achieve the following properties:

- Strong adhesion to metal
- Outstanding water displacement
- Excellent stability
- Effective resistance to corrosion and wear
- Excellent pumpability

Application

Multi Purpose Grease 3 is used for the lubrication of ball bearings and wheel hubs and is also suitable for the lubrication of universal joints and chassis pivots in vehicles.

Specifications

NLGI Grade 3
DIN 51 502, K 3 K-20

Typical Standard Analyses

Penetration, (worked) 0,1 mm	235
Dropping Point, °C	190
Temperature Limit, °C	-25/120
Base Oil Viscosity, 40 °C mm ² /s	110



WEISSKOPF NF GREASE

Weisskopf NF Grease is a high-quality grease. Wheel bearings impose special requirements on the greases to be used. The wheel bearing grease must have good resistance to the churning (kneading) of the grease. Weisskopf NF Grease is based on refined base oils with lithium soap as a thickening agent, supplemented additives to achieve the following properties:

- Strong adhesion to metal
- Outstanding water displacement
- Excellent stability
- Effective resistance to corrosion and wear
- Excellent pumpability

Application

Weisskopf NF is used for the lubrication of ball, roller and sliding bearings in road, agricultural and industrial vehicles.

Typical Standard Analyses

Penetration, (worked) 0,1 mm	280
Dropping Point, °C	250
Temperature Limit, °C	-30/150
Base Oil Viscosity, 40 °C mm ² /s	200
4-Ball Welding Load, N	3000

Specifications

NLGI Grade 2
DIN 51 502, KP 2 N-30

www.weisskopf.com.tr



WEISSKOPF GEAR GREASE EP 00/000

Wiesskopf Gear Grease EP 00/000 is a semi-fluid, multipurpose grease based on highly refined, highly viscous base oils, which uses lithium soap as a thickening agent, supplemented with 'Extreme Pressure' and other additives to achieve the following properties:

- Strong adhesion to metal
- Outstanding water displacement
- Excellent stability
- Good resistance to corrosion and wear
- Excellent pumpability
- Outstanding 'Extreme Pressure' properties

Application

Wiesskopf Gear Grease EP 00/000 is particularly suitable for centralised lubrication systems and for sealed, but not oil-tight transmissions.

Typical Standard Analyses

Penetration, (worked) 0.1 mm	430
Dropping Point, °C	160
Temperature Limit, °C	-50/120
Base Oil Viscosity, 40 °C mm ² /s	45
4-Ball Welding Load, N	2200

Specifications

NLGI Grade 00/000
DIN 51 502, GP 00/000 K-50
MAN 283 Li-PO0 (level)

WEISSKOPF GEAR GREASE EP 0

Wiesskopf Gear Grease EP 0 is a semi-fluid, multipurpose grease based on highly refined, highly viscous base oils, which uses lithium soap as a thickening agent, supplemented with 'Extreme Pressure' and other additives to achieve the following properties:

- Strong adhesion to metal
- Outstanding water displacement
- Excellent stability
- Good resistance to corrosion and wear
- Excellent pumpability
- Outstanding 'Extreme Pressure' properties

Application

Wiesskopf Gear Grease EP 0 is particularly suitable for centralised lubrication systems and for sealed, but not oil-tight transmissions.



Specifications

NLGI Grade 0
DIN 51 502, GP 0 K-40
MAN 283 Li-PO

Typical Standard Analyses

Penetration, (worked) 0.1 mm	370
Dropping Point, °C	180
Temperature Limit, °C	-40/120
Base Oil Viscosity, 40 °C mm ² /s	90
4-Ball Welding Load, N	2600

COMPOUND GREASE OGL

Compound Grease OGL Grease is a special compound formulated from highly refined mineral base oils with solvents. It is supplemented with special Bitumen 'Extreme Pressure' and wear-reducing molybdenum additives to achieve the following properties:

- Effective protection against wear under heavy loads
- Excellent penetrative ability that even enables it to reach steel wire cable cores
- Excellent water-resistance in both fresh and salt water environments
- Effective protection against corrosion
- Excellent adhesion to metals
- Also remains flexible at very low temperatures down to approx. -35 °C

Application

Compound Grease OGL is used as a lubricant for heavy-duty open gears. Some examples are: turntables, drive chains that work in the open air or in a dusty environment and steel cables that need to be lubricated with a highly penetrating product that has effective protection against corrosion.

Typical Standard Analyses

Penetration, (worked) 0.1 mm	350
4-Ball Welding Load, N7500	7500





WEISSKOPF GEAR GREASE EP 1

Wiesskopf Gear Grease EP 1 is a multipurpose grease for central and gear lubrication. This grease has been manufactured from well-refined, high-viscosity base oils and a lithium complex soap thickener, under addition of Extreme Pressure- and other additives to obtain the following properties:

- Great adhesion to metals
- Excellent water-displacing capacity
- Very good stability
- Very effective against wear and corrosion
- Good pumping qualities
- Excellent Extreme Pressure (EP) properties

Application

Wiesskopf Gear Grease EP 1 is extremely well applicable for centralized lubricating systems.

Specifications

NLGI Grade 1
DIN 51 502 KP 1N-30

Typical Standard Analyses

Penetration, (worked) 0,1 mm	325
Dropping Point, °C	>260
Temperature Limit, °C	-30/150
Base Oil Viscosity, 40 °C mm ² /s	170



COMPOUND GREASE OGL EP 0/1

Compound Grease OGL EP 0/1 is a premium, lubricant grease composed of a very thick base oil and a "Mixed-Complex" soap and is supplemented with special anti-corrosion, anti-wear and 'Extreme Pressure' additives to achieve the following properties:

- Very strong adhesion to metal
- Outstanding mechanical stability, enabling a long service life
- Water resistant
- Good resistance to corrosion and wear
- Excellent pumpability
- Excellent high pressure properties
- Resistant to shocks, vibrations and sudden loads
- Unleaded and nitrite-free; contains non-toxic ingredients
- Maximum wear reduction

Application

Compound Grease OGL EP 0/1 is a premium open-gear grease that is able to withstand very heavy-duty applications in a range of industrial sectors. Compound Grease OGL EP 0/1 can be used as a lubricant for fifth wheels and heavy-duty open gears, such as turntables, drive chains that work in the open air or in a dusty environment. Compound Grease OGL EP 0/1 also offers effective protection against corrosion.

Typical Standard Analyses

Penetration, (worked) 0,1 mm	340
Dropping Point, °C	250
Temperature Limit, °C	-25/150
Base Oil Viscosity, 40 °C mm ² /s	840

Specifications

NLGI Grade 0/1
DIN 51 502, KP 0-1 P-20

www.weisskopf.com.tr





BIOTECH WK

BioTech WK is a universal, technologically advanced lubricant. Its special composition makes it biodegradable. BioTech WK reduces friction, is moisture and dirt-repellent, ensures minimal wear and prevents corrosion.

Application

BioTech WK is suitable for derailleur systems, chains, shifters, cables and other moving parts. Thoroughly clean any parts to be lubricated first using Kroon-Oil BioSol XT. Then apply BioTech WK and remove any surplus product with a lint-free cloth. Regular re-application prevents excessive wear.

With a useful turn-and-dose cap for clean and controlled application. Turn the cap one quarter turn and squeeze a drop from the bottle.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	918
Viscosity 40 °C, mm ² /s	52,80
Viscosity 100 °C, mm ² /s	10,40
Viscosity Index	194
Flash Point Coc, °C	262
Pour Point, °C	-36

Available Packings

12 X 100 ml
6 X 300 ml



BICYCLE WK

Bicycle WK is a premium bicycle product. It is supplemented with selected additives to achieve the following properties:

- Excellent rust and corrosion protection
- Does not affect seals and paint
- Outstanding lubrication properties

Application

Bicycle WK is suitable for use as a lubricant and cleaning agent for nearly all moving parts on a bicycle. With a useful turn-and-dose cap for clean and controlled application. Turn the cap one quarter turn and squeeze a drop from the bottle.

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	870
Viscosity 40 °C, Mm ² /s	32,00
Viscosity 100 °C, Mm ² /s	5,36
Viscosity Index	104
Flash Point Coc, °C	224
Pour Point, °C	-15

Instructions For Use

Apply the product and leave to soak in for a while.



BALL BEARING GREASE

Ball Bearing Grease is based on highly refined base oils with lithium soap as a thickening agent, supplemented with additives to achieve the following properties:

- Strong adhesion to metal
- Outstanding water displacement
- Excellent stability
- Effective resistance to corrosion and wear
- Excellent pumpability



Application

Ball Bearing Grease is used for the lubrication of small to medium-sized ball bearings. Suitable for a wide range of applications.

Specifications

NLGI Grade 2
DIN 51 502, KP 2 K-30
MAN 283 Li-P 2

Weisskopf

Typical Standard Analyses

Penetration (worked), 0.1mm	280
Dropping point °C	190
Temperature Limits °C	-30/130
Base Oil Viscosity, 40°C, mm ² /s	195
4-ball welding load, N	2600

Available Packings

12 X 100 ml
6 X 300 ml



WK VASALINE

WK Vaseline is a highly pure and highly refined form of petrolatum. Snow-white White Vaseline is produced by a specially developed refining process. The product has the following unique properties:

- Completely white in colour
- Completely odourless and tasteless
- Has a nice, threadlike structure
- Completely acid free and therefore does not aggressively affect seals and metals
- Resists the penetration of chemicals

Application

WK Vaseline is highly refined and is therefore extremely suitable for use in the automotive and technical industries. As a product, it has a wide range of applications – as a lubricant for items such as machinery, the poles of batteries, bicycle components and for the treatment of leather. Protects metals and chromed parts from corrosion. It is also suitable for use as an insulator.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	900
Viscosity 100 °C, Mm ² /s	8
Penetration (worked), 0.1mm	155.75
Dropping point °C	42/60

www.weisskopf.com.tr



BIOCLEAR WK

BioClean WK is a very powerful, biodegradable degreaser. It removes oil, grease, waxing and cleaning products from metal, aluminium, titanium, carbon and plastic. BioClean WK is free from solvents and phosphates and can be mixed with water.

Application

Spray BioClean WK on the surface and brush it in with a soft brush. Leave it to work for a few minutes. Rinse with water and dry with a soft, lint-free absorbent cloth or blow it dry with air. After cleaning, grease the chain as soon as possible using one of the products from the TefTec or BioTec ranges.



BIOCLEAR MCD

BioClean MCD is a refill pack for BioSol XT (pure) and BioSol BW (1:10). BioClean MCD is an advanced, biodegradable degreaser. It removes oil, grease, waxing and cleaning products from metal, aluminium, titanium, carbon and plastic. The product is free from solvents and phosphates and can be mixed with water.

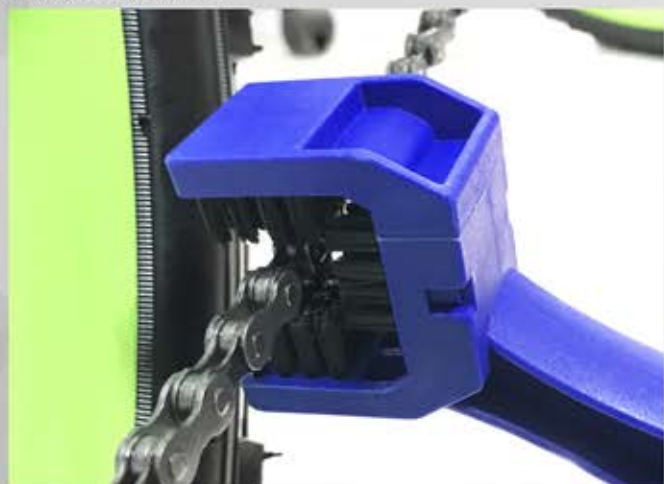
Application

BioClean MCD, highly concentrated multicleaner/degreaser, can be used with water using the following mixing ratios:

1:1 Removal of oil and grease

1:5 Removal of persistent dirt and light oil and grease staining

1:10 Removal of light dirt



Weisskopf

BIOCLEAR WK+

BioClean WK+ is an advanced, biodegradable bicycle cleaner. It easily removes general dirt, mud and light oil and grease staining from painted and unpainted metal, aluminium, titanium, carbon and plastic. BioClean WK+ is free from solvents and phosphates and can be mixed with water.

Application

Spray BioClean WK+ on dirty surface and leave it to work for a few minutes. Rinse off with a gentle water jet or remove it with a wet sponge or cloth. If there is a lot of dirt, repeat the treatment and wipe the surface clean with a soft brush. If required, dry the surface with a soft, lint-free absorbent cloth. For a beautiful end result and to protect the paint, post-treat with Polish Wax or Multi Silicone Spray. BioClean WK+ can be refilled by mixing 1 part of BioSol Refill with 9 parts of water.



POLISHING OIL

Polishing Oil is a cleaning and polishing product with effective properties that protect against rust. It protects and maintains the paint on bikes, mopeds and motorcycles.

Application

Polishing Oil is suitable for cleaning and preserving painted components of bicycles, mopeds and engines. With a useful turn-and-dose cap for clean and controlled application. Turn the cap one quarter turn and squeeze a drop from the bottle.



Typical Standard Analyses

Density At 15 °C, Kg/m ³	870
Viscosity 40 °C, mm ² /s	32,00
Viscosity 100 °C, mm ² /s	5,36
Viscosity Index	104
Flash Point COC, °C	224
Pour Point, °C	-15

OCEAN 2T DFI

Ocean 2T DFI is a premium 2-stroke motor oil, specially developed for use in the latest generation of water-cooled 2-stroke outboard engines with direct fuel injection. The operating temperatures of these DFI engines are very high, thereby increasing the chance of carbon formation. As a result, there is a higher risk of seized piston rings. The product has been formulated using carefully selected, premium base oils, combined with special ashless 2-stroke additives. This carefully balanced formula ensures the following properties:

- Outstanding lubrication ability
- Minimal formation of carbon residues
- Reduced fouling on the spark plugs
- Limited smoke formation
- Outstanding detergency, resistance to wear and corrosion
- Excellent high temperature properties



Application

Ocean 2T DFI is a premium, ashless 2-stroke motor oil for the latest generation of water-cooled 2-stroke outboard motors with direct fuel injection. The product guarantees maximum engine performance throughout the entire service life of the engine. Use the prescribed mixing ratio.

Please note! Ocean 2T DFI contains considerably more additives than regular TC-W3 Outboard products. It is therefore unsuitable for conventional outboard engines that require the NMMA TC-W3 specification.

Specifications

NMMA TC-W3

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

Typical Standard Analyses

Density At 15 °C, Kg/m ³	875
Viscosity 40 °C, Mm ² /s	43,50
Viscosity 100 °C, Mm ² /s	7,33
Viscosity Index	132
Flash Point Coc, °C	90
Pour Point, °C	-42
Total Base Number, mgKOH/g	10,6

OCEAN 2T OUTBOARD

OCEAN 2T OUTBOARD

Ocean 2T Outboard is a 2-stroke motor oil based on carefully selected premium base oils. It is supplemented with special, ashless 2-stroke additives to achieve the following properties:

- Optimal lubrication of all engine parts
- Effective detergency and resistance to wear and corrosion
- Limited smoke formation

Application

Ocean 2T Outboard is suitable for all 2-stroke outboard motors and is used at a mixing ratio of 1 part oil to 50 parts fuel, or the mixing ratio required by the engine manufacturer.

Specifications

NMMA TC-W3



Typical Standard Analyses

Density at 15 °C, Kg/m ³	876
Viscosity 40 °C, mm ² /s	35,60
Viscosity 100 °C, mm ² /s	6,29
Viscosity Index	126
Flash Point COC, °C	107
Pour Point, °C	-30
Total Base Number, mgKOH/g	8,7

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

MULTIPLEX DETROIT DIESEL 40

Multiplex Detroit Diesel 40 is a modern, 2-stroke, diesel motor oil based on premium solvent-refined base oils, supplemented with carefully balanced additives. Multiplex Detroit Diesel 40 features the following unique properties:

- Excellent detergency, thereby preventing (hard) deposits forming in the hot zones of the engine
- Very high resistance to wear, corrosion and foaming.
- High and very stable viscosity index
- An extremely low ash content

Application

Multiplex Detroit Diesel 40 is a universal 2-stroke diesel motor oil suitable for use in all 2-stroke diesel engines, especially Detroit Diesels.

Typical Standard Analyses

Density at 15 °C, Kg/m ³	890
Viscosity 40 °C, mm ² /s	148,80
Viscosity 100 °C, mm ² /s	15,10
Viscosity Index	102
Flash Point COC, °C	234
Pour Point, °C	-15
Total Base Number, mgKOH/g	6,9
Sulphate Ash, %	0,91
HTHS, mPA.s	3,99
Noack, %	4,7

Specifications

ACEA E2
API CF/CF2/SF

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

WK SP FLUID 3013

SP Fluid 3013 is a special synthetic hydraulic fluid, based on highly specialised premium base oils, supplemented with additives to achieve the following unique properties:

- A very high viscosity index (>300!) that enables a beneficial level of viscosity to be achieved: the product even retains its optimal fluidity under extreme temperatures
- An extremely low pour point the product can still be used at low temperatures
- Very resistant to foaming: safety
- Does not affect seals: prevents leakages



Application

SP Fluid 3013 is used as a hydraulic medium for a wide variety of hydraulic systems, such as: power steering systems, level control systems, hydro-pneumatic suspension systems, shock absorbers, hydrostatic drives, ABS/ASR and ASC systems, hydraulically operated clutches and electro-hydraulic folding roof control systems, etc. Always consult the Kroon-Oil advisory database for optimal use.

Typical Standard Analyses

Colour	Green
Density At 15 °C, Kg/m ³	818
Viscosity -20 °C, Mm ² /s	247
Viscosity 40 °C, Mm ² /s	17,89
Viscosity 100 °C, Mm ² /s	6,11
Viscosity Index	339
Flash Point Coc, °C	173
Pour Point, °C	-62

Specifications

DIN 51524-T3
ISO 7308
MAN M 3289
PSA S71 2710
VW TL 52146
MB 345.0

Available Packings

04213 1 L bottle
32909 20 L Bag in Box
56313 20 L pail
31314 60 L drum
31315 208 L drum

WK SP FLUID 3023

Description WK SP Fluid 3023 is a special hydraulic oil. The product has been specially developed for level-control systems in cars manufactured by Mercedes-Benz. Premium base oils, combined with the special additives, provide the product with the following unique properties:

- A high viscosity index that enables a highly beneficial level of viscosity to be achieved: the product even retains its optimal fluidity under extreme temperatures
- An extremely low pour point the product can still be used at low temperatures Very resistant to foaming: safety
- Does not affect seals: prevents leakages



Application

WK SP Fluid 3023 is a premium hydraulic fluid. Modern cars often incorporate several hydraulic applications that require a special product. SP Fluid 3023 has been developed for level control systems in Mercedes-Benz cars. It can be used when the MB 343.0 specification is required.

Typical Standard Analyses

Density at 15 °C, Kg/m ³	860
Viscosity 40 °C, mm ² /s	21,00
Viscosity 100 °C, mm ² /s	5,10
Viscosity Index	186
Flash Point COC, °C	101
Pour Point, °C	-50

Specifications

MB 343.0

WK LHM+

LHM+ is a special hydraulic oil, based on special base oils, supplemented with additives to achieve the following properties:

- An extremely high and stable viscosity index
- A very low pour point Does not affect oil-proof seals:
- High resistance to foaming

Application

LHM+ is suitable for hydropneumatic suspension systems in Citroën and all other automotive applications for which an LHM fluid is recommended. LHM+ complies with the latest special Citroën requirements.

Specifications

PSA B71 2710

Typical Standard Analyses

Colour	Green
Density At 15 °C, Kg/m ³	837
Viscosity -40 °C, Mm ² /s	1150
Viscosity 40 °C, Mm ² /s	18,60
Viscosity 100 °C, Mm ² /s	6,20
Viscosity Index	330
Flash Point Coc, °C	125
Pour Point, °C	-50
Acid Number, mgKOH/g	0,05
Boiling Point (reflux), °C	291
Aniline Point °C	95

SP FLUID 6033

SP Fluid 6033 is a unique fluid that has been specially developed for use in Haldex/BorgWarner four-wheel drive systems. High-quality base oils, combined with an advanced additive package, give the product the following unique properties

- Optimal friction properties, specifically tailored to the friction material of the wet clutch plates
- Excellent anti-stick-slip properties, guaranteeing a comfortable and silent functioning of the system
- An excellent "shear stability"
- Extremely high viscosity index, which means that the system also functions reliably under cold winter conditions
- The excellent resistance to oxidation prevents deposits in the system and vitrification of the friction plates
- Excellent EP properties

Application

SP Fluid 6033 is a high-quality hydraulic friction fluid specially developed for use in generation II, III, IV and V BorgWarner/Haldex four-wheel drive systems, which are used by various car manufacturers in their four-wheel drive models. Store this product in a dry and wellventilated area, above 15°C.

Specifications

BMW HOC (BMW 83 22 2 413 513)
Ford 8U7J-8708687-AA GM 1940057
GM 93165387 JLR SL01-301 JLR SL12-301
Volvo 1161641 / 31367940
VW G 052 175 / VW G 055 175

Typical Standard Analyses

Density at 15 °C, Kg/m ³	866
Viscosity 40 °C, mm ² /s	28,50
Viscosity 100 °C, mm ² /s	6,00
Viscosity Index	166
Flash Point COC, °C	208
Pour Point, °C	-45

Available Packings

36978 850 ml bottle

WK SP FLUID 6036

SP Fluid 6036 is a unique fluid that has been specially developed for use in Haldex/BorgWarner four-wheel drive systems. High-quality base oils, combined with an advanced additive package, give the product the following unique properties:

- Optimal friction properties, specifically tailored to the friction material of the wet clutch plates
- Excellent anti-stick-slip properties, guaranteeing a comfortable and silent functioning of the system
- An excellent "shear stability"
- Extremely high viscosity index, which means that the system also functions reliably under cold winter conditions
- The excellent resistance to oxidation prevents deposits in the system and vitrification of the friction plates
- Excellent EP properties



Application

SP Fluid 6036 is a high-quality hydraulic friction fluid specially developed for use in proactive generation VI BorgWarner (formerly Haldex) four-wheel drive systems which are used by various car manufacturers in their four-wheel drive models. Store this product in a dry and well-ventilated area, above 15°C.

Typical Standard Analyses

Colour	Amber
Density At 15 °C, Kg/m ³	847
Viscosity 40 °C, Mm ² /s	28,70
Viscosity 100 °C, Mm ² /s	6,10
Viscosity Index	167
Flash Point PM, °C	167
Flash Point Coc, °C	212
Pour Point, °C	-45

Specifications

Volvo 32240904
VW G 060 175 G 065 175

Available Packings

36979 850 ml bottle

POTENS FLUID SMD

Potens Fluid SMD is a very high quality, synthetic brake fluid. The product has been specifically developed for the range of tasks involved in the world of motorsport and motorcycle racing. The brake fluid has extremely high boiling points that provide a relatively high safety margin. Top quality glycol ether and ester base oils combined with a very advanced additives system provide Potens Fluid SMD with the following properties:

- Very low viscosity, which means a very fast response time
- Extremely high boiling points, both wet and dry, for a wider safety margin
- Does not affect seals
- Provides outstanding protection against corrosion
- Can be mixed with all DOT 4 and DOT 5.1 brake fluids



Application

Potens Fluid SMD is a superior brake fluid, specially developed for motorsport. The product is also particularly suitable for use in advanced braking systems in high to very high-powered sports cars. Potens Fluid SMD can easily be mixed with other DOT 4 and DOT 5.1 brake fluids.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	1081
Viscosity -40 °C, mm ² /s	1495
Viscosity 100 °C, mm ² /s	2.59
Boiling Point (reflux), °C	320
Boiling Point (wet), °C	195
pH	7,1

Specifications

FMVSS 116 DOT 4
SAE J1703/J1704

Weisskopf

POTENS FLUID DOT 5.1

Potens Fluid DOT 5.1 is a synthetic brake fluid with the following properties:

- A very low pour point
- Does not affect seals
- Minimum signs of corrosion
- Can be mixed with other DOT 3 and DOT 4 brake fluids



Application

Potens Fluid DOT 5.1 can be used in all hydraulically operated braking systems with both drum and disc brakes suitable for synthetic brake fluids. This brake fluid is particularly suitable for use in situations involving high brake temperatures and when very low temperatures occur in combination with ABS/ASR braking systems.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	1070
Viscosity -40 °C, mm ² /s	776
Viscosity 100 °C, mm ² /s	2.30
Flash Point PM, °C	150
Boiling Point (reflux), °C	275
pH-50% in ethanol solution	8,5

Specifications

FMVSS 116 DOT 5.1
SAE J1703, ISO 4925

www.weisskopf.com.tr

POTENS SUPERIOR DOT 4

Potens Superior DOT 4 is a premium brake fluid, specially developed for the latest generation of car with electronic safety systems. A rapid response time is essential for the vehicle to operate well, even at extremely low temperatures. That is why extra leeway is required in relation to the boiling points. For these reasons, Potens Superior DOT 4 provides a relatively high safety margin compared to a normal DOT 4 brake fluids are used. Potens Superior DOT 4 features the following properties:

- Extremely low viscosity, even in extremely cold conditions
- High boiling point, both wet and dry
- Does not affect seals
- Provides outstanding protection against corrosion

Application

Potens Superior DOT 4 is a modern low-viscosity, synthetic brake fluid of a very high quality. The product is ideally suited for use in modern cars with electronic safety systems such as ABS, ASR, ESP, EBD, BAS and all of its variations. Potens Superior DOT 4 can be easily mixed with other DOT 4 brake fluids.



Typical Standard Analyses

Density At 15 °C, Kg/m ³	1035
Viscosity -40 °C, mm ² /s	665
Viscosity 40 °C, mm ² /s	6.40
Viscosity 100 °C, mm ² /s	2.20
Flash Point PM, °C	150
Boiling Point (reflux), °C	270

Specifications

FMVSS 116 DOT 4
ISO 4925 Class 6
SAE J 1704
BMW QV 34001
Ford WSS-M6C65-A2
GMW 3356
MB 331.0
Toyota
VW 501.14 (TL 766-Z)

POTENS FLUID DOT 4

Potens DOT 4 is a synthetic brake fluid with the following properties:

- A very low pour point
- Does not affect seals
- Minimum signs of corrosion

Application

Potens DOT 4 can be used in all hydraulically operated braking systems with both drum and disc brakes that require DOT 4 brake fluid.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	1082
Viscosity -40 °C, mm ² /s	1270
Viscosity 100 °C, mm ² /s	2.10
Flash Point PM, °C	91
Boiling Point (reflux), °C	281
Boiling Point (wet), °C	158
pH-50% in ethanol solution	8.0

Specifications

FMVSS 116 DOT 4
SAE J1703, ISO 4925



POTENS DOT 3

Potens DOT 3 is a synthetic brake fluid with the following properties:

- A very low pour point
- Does not affect seals
- Minimum signs of corrosion

Application

Potens DOT 3 can be used in all hydraulically operated braking systems with both drum and disc brakes that require DOT 3 or an SAE J 1703 brake fluid.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	1040
Viscosity -40 °C, mm ² /s	1150
Viscosity 100 °C, mm ² /s	1.90
Flash Point PM, °C	150
Boiling Point (reflux), °C	248
Boiling Point (wet), °C	143

Specifications

FMVSS 116 DOT 3
SAE J1703, ISO 4925

COOLANT READY-TO-USE LL

Coolant Ready-to-Use LL is a premium, ready-to-use Long Life coolant (frost protection -40 °C) for which a patented, nitrite-, amine- and phosphate-free technology with very powerful corrosion inhibitors has been used. With this technology, Coolant Ready-to-Use LL provides longer lasting protection against corrosion than standard antifreeze, so that vulnerable parts such as radiators, water pumps and seals will have a longer service life. Special additives prevent sludge and deposits forming in the radiator, ensuring optimal cooling, even in the long term. Coolant Ready-to-Use LL is specifically designed for use in engines/radiators made from light metals such as aluminium, magnesium or their alloys.



Application

Coolant Ready-to-Use LL is a blue/green, ready-to-use coolant for use in a range of models from Mercedes, BMW, Opel and Saab and in a range of models from the VAG group (VW/Audi/Porsche/Seat/Skoda) that require G11 quality. By using powerful corrosion inhibitors, Coolant Ready-to-Use LL is practically unaffected by ageing, giving it a much longer service life than conventional coolants. Optimal results can only be achieved with a 100% filling.

Typical Standard Analyses

Colour	Blue
Density at 15 °C, Kg/m ³	1077
pH	7,6

Specifications

MAN 324-NF
BMW N 600 69.0
MB 326.0
Opel/GM QL 130100
Porsche/Audi/Seat/Skoda TL-774C (G11)
Saab/GM 6901 599

COOLANT SILICATE-FREE LL

Coolant Silicate-free LL is a premium, ready-to-use Long Life coolant (frost protection down to -38 °C) for which a patented, silicate-free technology based upon carboxyl acids, has been used. With this technology, Coolant Silicate-free LL provides longer lasting protection against corrosion than standard antifreeze, so that vulnerable parts such as radiators, water pumps and seals will have a longer service life.

Powerful corrosion inhibitors prevent sludge and deposits forming in the radiator, ensuring optimal cooling, even in the long term. Coolant Silicate-free LL is specifically designed for use in engines/radiators made from light metals such as aluminium, magnesium or their alloys.



Specifications

ASTM D3306/D4985/D6210
Chrysler MS 9176
Cummins 85T8-2
DAF 74002
Detroit Diesel
Ford WSS-M97B44-D
GM 6277M
John Deere H 24 B1 & C1
Mack 0146S 17004
MAN 324 Typ SNF
MB 326.3
Leyland Trucks LTS 22 AF 10
Renault 41-01-001/-S Type D
Volkswagen VW TL 774-F (G12 Plus)
Volvo VCS

Application

Coolant Silicate-free LL is a purple-coloured, ready-to-use coolant for cooling systems made of aluminium and copper or aluminium alloys. Coolant Silicate-free LL can be used safely in conventional cast iron cooling systems. By using powerful corrosion inhibitors, Coolant Silicate-free LL is practically unaffected by ageing, giving it a much longer service life than conventional coolants. Optimal results can only be achieved with 100% filling.

Typical Standard Analyses

Colour	PINK
Density at 15 °C, Kg/m ³	1073
pH	8,5
Crystallization Point, °C	-38

COOLANT LOBRID OAT+

Coolant Lobrid OAT+ is a premium, ready-to-use, Long Life coolant with frost protection down to -40°C. It contains the patented LOBRID additive technology based on 'Organic Acid Technology' and a small percentage of silicate. With this technology, Coolant Lobrid OAT+ provides longer lasting protection against corrosion than standard antifreeze, so that vulnerable parts such as radiators, water pumps and seals will have a longer service life.



Application

Coolant Lobrid OAT+ is a purple-coloured, ready-to-use coolant for cooling systems made of aluminium and copper or aluminium alloys. Thanks to the addition of powerful corrosion inhibitors, the product is practically unaffected by ageing. Corrosion inhibitors also prevent sludge and deposits forming in the radiator, thereby also ensuring optimal cooling in the long term. Coolant Lobrid OAT+ meets the MB 326.5 and MAN 324 Type Si-OAT specifications.

Typical Standard Analyses

Density At 15 °C, Kg/m ³	1076
pH	8,0

Specifications

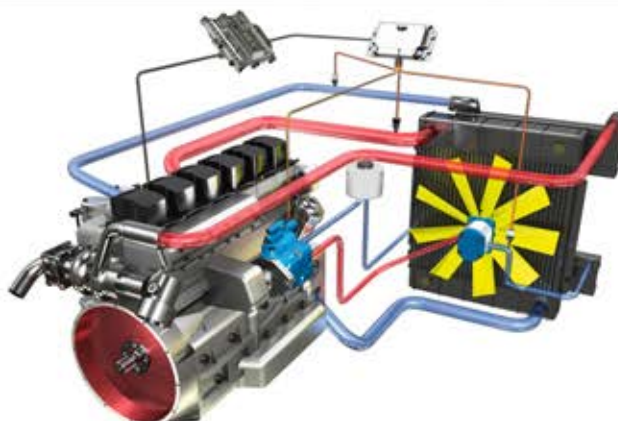
Cummins CES 14603
Deutz DQC CC-14
Liebherr LH-01-COL3A
MAN 324 Typ Si-OAT
MB 326.5
MTU MTL 5048
Scania TB 1451
VW TL 774-G (G12++)

COOLANT LOBRID SI-OAT

Coolant Lobrid Si-OAT is a new-generation, ready-to-use premium Long Life coolant with frost protection to -37°C. The patented LOBRID Si-OAT additive technology ensures exceptional long-term corrosion protection and long-lasting stability. This product has a very high acid-neutralising capacity, allowing very long replacement intervals. Furthermore, Coolant Lobrid Si-OAT very quickly provides full corrosion protection of new installed corrosion-sensitive aluminium components. Full corrosion protection is already achieved within one operating hour. Coolant Lobrid Si-OAT is completely free of amines, nitrites, phosphates, borates and 2-ethylhexanoic acid.

Application

Coolant Lobrid Si-OAT is a modern ready-to-use Long Life coolant for modern cooling systems. The product is specifically developed for the current generation of BMW and VAG models, where BMW prescribes an HT-12 quality coolant and VAG a VW G12 EVO. Coolant Lobrid Si-OAT is fully backwards compatible and can also be fully mixed with the older BMW and VAG coolants.



Specifications

BMW 83 19 2 458 358 / 83 19 2 466 484
Cummins CES 14603
Deutz DQC CC-14
Liebherr LH-01-COL3A
MAN 324 Si-OAT
MB 325.5 / 325.6 / 326.5 / 326.6
Scania TB-1451
VAG G12 evo / TL 774-L / G12E050

Typical Standard Analyses

Colour	Pink
Density at 15 °C, Kg/m ³	1072
pH	8,0
Crystallization Point, °C	-37

COOLANT PREMIUM LOBRID OAT

Coolant Premium Lobrid OAT is a premium, ready-to-use, Long Life coolant with frost protection down to -38°C , which contains the patented LOBRID additive technology based on 'Organic Acid Technology' and a small percentage of silicate. It has been specifically designed for use in engines/radiators made from light metals such as aluminium, magnesium or their alloys and complies with VW specification TL VW 774J (G13).

Thanks to the addition of powerful corrosion inhibitors, the product is practically unaffected by ageing. Corrosion inhibitors also prevent sludge and deposits forming in the radiator, thereby also ensuring optimal cooling in the long term.

Please note! Reliable measurement of the freeze protection level is only possible using special refractometers with a separate G13 scale!

Application

Coolant Premium Lobrid OAT is a purple-coloured, ready-to-use coolant for the cooling systems of Volkswagen, Audi, Skoda and Seat vehicles. Coolant Premium Lobrid OAT can be easily mixed with Weisskopf-Oil inorganic Coolants. Optimal results can only be achieved with 100% filling.

Typical Standard Analyses

Colour	Red
Density at 15°C , Kg/m^3	1088
pH	8.3
Crystallization Point, $^{\circ}\text{C}$	-38

Specifications

VW TL 774-J (G13)

COOLANT SFT POWER GREEN

Coolant SFT Power Green is a premium, ready-to-use Long Life coolant (frost protection down to -40°C) for which a patented, silicate-free technology based upon carboxylic acids, has been used. With this technology, Coolant SFT Power Green provides longer lasting protection against corrosion than standard antifreeze, so that vulnerable parts such as radiators, water pumps and seals will have a longer service life.

Powerful corrosion inhibitors prevent sludge and deposits forming in the radiator, ensuring optimal cooling, even in the long term. Coolant SFT Power Green is specifically designed for use in engines/radiators made from light metals such as aluminium, magnesium or their alloys.



Application

Coolant SFT Power Green is a green/blue, ready-to-use coolant for use in the cooling systems of Peugeot and Citroën vehicles. By using powerful corrosion inhibitors, Coolant SFT Power Green is practically unaffected by ageing, giving it a much longer service life than conventional coolants. Optimal results can only be achieved with 100% filling.

Specifications

Peugeot PSA B 71 5110

Citroën PSA B 71 5110

Weisskopf

Typical Standard Analyses

Colour	Green
Density at 15°C , Kg/m^3	1082
pH	8.2

COOLANT SFT POWER RED

Coolant SFT Power Red, ready-to-use Long Life coolant (frost protection down to -38°C) for which a patented, silicate-free technology based upon carboxylic acids, has been used. With this technology, Coolant SFT Power Red provides longer lasting protection against corrosion than standard antifreeze, so that vulnerable parts such as radiators, water pumps and seals will have a longer service life.

Powerful corrosion inhibitors prevent sludge and deposits forming in the radiator, ensuring optimal cooling, even in the long term. Coolant SFT Power Red is specifically designed for use in engines/radiators made from light metals such as aluminium, magnesium or their alloys.

Application

Coolant SFT Power Red is a fluorescent orange, ready-to-use coolant for the cooling systems in the latest models from the GM group (Opel/Saab/Vauxhall) that require a Long Life coolant with the GM 19 40 650 quality. By using powerful corrosion inhibitors, Coolant SFT Power Red is practically unaffected by ageing, giving it a much longer service life than conventional coolants. Optimal results can only be achieved with 100% filling.

Specifications

Opel/GM 19 40 650
Saab/GM 19 40 650
Vauxhall/GM 19 40 650
GM 6277M

Typical Standard Analyses

Colour	Red
Density At 15°C , Kg/m^3	1071
pH	8.4

COOLANT SFT POWER YELLOW

Coolant SFT Power Yellow is a superior, ready-to-use Long Life coolant (frost protection down to -38°C) made using a patented, silicate-free technology based upon polycarboxylic acids. With this technology, Coolant SFT Power Yellow provides much longer-lasting protection against corrosion than standard antifreeze, ensuring a longer service life of vulnerable parts such as radiators, water pumps and the thermostat.

Powerful corrosion inhibitors prevent sludge and deposits forming in the radiator, ensuring optimal cooling, even in the long term. Coolant SFT Power Yellow provides maximum protection for all metal and plastic engine parts and prevents cavitation.

Application

Coolant SFT Power Yellow is a fluorescent yellow, ready-to-use, Long Life coolant for use in coolant systems of passenger cars, delivery vans and freight trucks of the Renault, Nissan and Dacia brands. By using powerful corrosion inhibitors, Coolant SFT Power Yellow is practically unaffected by ageing, giving it a much longer service life than conventional coolants. Optimal results can only be achieved with a 100% filling.

Specifications

Renault SA: Renault, Nissan (41-01-001/-S Type D)

Typical Standard Analyses

Colour	Yellow
Density at 15°C , Kg/m^3	1047



COOLANT SUPER RED

Coolant Super Red is a high-grade, ready-to-use, red, Long Life coolant (frost protection down to -38°C) for Heavy Duty applications. Thanks to the addition of special carboxylic acids, nitrite and molybdate, this product offers superior protection against corrosion. Coolant Super Red protects all metals and plastics, enabling vulnerable components, such as radiators, water pumps, thermostats and gaskets to have a longer service life.

Application

Coolant Super Red is suitable for use in modern Heavy Duty combustion engines in vehicles such as trucks, agricultural vehicles, construction machinery and stationary industrial motors. Coolant Super Red is ready to use and provides frost protection down to -38°C . This high-grade Long Life coolant can be used in all engines that require a coolant that fulfils the Caterpillar specification CAT EC-1 and the MAK specification A4.05.09.01.

Specifications

Caterpillar, CAT EC-1
MAK, A4.05.09.01

Available Packings

12 x 1 L bottle,
1 x 18 L bag box,
1 x 208 L drum

COOLANT PSI-OAT LOBRID

Coolant Psi-OAT Lobrid is a new-generation, ready-to-use premium long-life coolant with frost-protection down to -37°C . Special advanced and patented PSI- OAT LOBRID additive technology, based on organic inhibitors, phosphates and silicates, provides exceptional and long-lasting corrosion protection and long-term stability. Coolant Psi-OAT Lobrid very quickly offers complete and long-term corrosion protection for newly installed corrosion-sensitive aluminium components. This product also offers excellent protection against overheating of modern downsized engines which often have increased thermal loading and also provides very good protection against cavitation. Coolant Psi-OAT Lobrid is completely free of amines, nitrites and borates.

Application

Coolant Psi-OAT Lobrid is a green, ready-to-use long-life coolant specifically developed for modern alloy cooling systems of the new generation of downsized engines which often have higher thermal loading than conventional engines. The product is suitable for use in Volvo passenger cars where Volvo TR-31854114-002 quality is prescribed. Also suitable for use in modern heavy-duty diesel engines where one of the specifications below is prescribed.

Specifications

ASTM D3306 / D4985 / D6210 / D7583
CUNA NC 956-16
Deutz DQC CC-14, Deutz-Fahr (>04/2017)
Huerlimann (>04/2017)
John Deere (>2011)
Lamborghini-Tractors (>04/2017)
MWM (TR 2091)
Perkins, PN-C40007:2000
Same (>04/2017)
Volvo Cars (TR-31854114-002)

Typical Standard Analyses

Colour	GREEN
Boiling Point, $^{\circ}\text{C}$	105
Watercontents, %	50
pH	8,0
Crystallization Point, $^{\circ}\text{C}$	-37

COOLANT CLASSIC BLUE

Coolant Classic Blue is a classic coolant, based on monoethylene glycol and softened water. It is supplemented with additives to achieve the following properties:

- Effective protection of all metals that are used in the engine and cooling system
- Does not affect gaskets and hoses
- Good resistance to foaming
- Protection of aluminium cylinder heads

Application

Coolant Classic Blue can be used throughout the year in the cooling systems of petrol and diesel engines. Coolant Classic Blue should be used undiluted and will then provide protection down to -26°C .

Specifications

BS 6580:2010

Typical Standard Analyses

Colour	BLUE
Density at 15°C , Kg/m^3	1046
pH	8.2
Crystallization Point, $^{\circ}\text{C}$	-26



COOLANT SFT UNIVERSAL

Coolant SFT Universal is a universal, silicate-free, organic coolant with a neutral, light-yellow colour. The product is based on monoethylene glycol and softened water. It is supplemented with special, organic additives to achieve the following properties:

- Outstanding protection of all metals that are used in modern engines and cooling systems
- Does not affect gaskets and hoses
- Very effective resistance to foam formation
- Outstanding protection of aluminium cylinder heads

Application

Coolant SFT Universal can be used throughout the year in the cooling systems of modern petrol and diesel engines. The product should be used undiluted and will then provide protection down to -38°C . Coolant -38 NF allows a maximum replacement interval of 3 years to be applied.

Specifications

MB 326.3
Opel/GM 6277M
Ford WSS-M97B44-D
VW TL-774F

Typical Standard Analyses

Colour	LIGHT-YELLOW
Density at 15°C , Kg/m^3	1080
Flash Point, $^{\circ}\text{C}$	111

ANTIFREEZE GENERAL BLUE

Antifreeze General Blue is a modern antifreeze, based on monoethylene glycol, supplemented with additives to achieve the following properties:

- Outstanding protection of all metals that are used in modern engines and cooling systems
- Does not affect gaskets and hoses
- Very effective resistance to foam formation
- Outstanding protection of aluminium cylinder heads



Application

Antifreeze General Blue can be used throughout the year in the cooling systems of petrol and diesel engines. This antifreeze should be further diluted with demineralised water to the recommended ratio before use.

Specifications

BS 6580:2010

Typical Standard Analyses

Colour	Blue
Density At 15 °C, Kg/m ³	1129
pH - 33% in Water	8.0
Reserve Alkalinity, mL	21
Watercontents, %	<5.50
Crystallization Point, 25 vol% °C	-14
Crystallization Point, 30 vol% °C	-18
Crystallization Point, 35 vol% °C	-22
Crystallization Point, 40 vol% °C	-26
Crystallization Point, 45 vol% °C	-31
Crystallization Point, 50 vol% °C	-38



ANTIFREEZE SFT PREMIUM

Antifreeze SFT Premium is a premium, purple-coloured Long Life antifreeze for which a patented, silicate-free technology based upon carboxyl acids, has been used. With this technology, Antifreeze SFT Premium provides longer lasting protection against corrosion than standard antifreeze, so that vulnerable parts such as radiators, water pumps and seals will have a longer service life. Powerful corrosion inhibitors prevent sludge and deposits forming in the radiator, ensuring optimal cooling, even in the long term. Antifreeze SFT Premium is specifically designed for use in engines/radiators made from light metals such as aluminium, magnesium or their alloys.

Application

Antifreeze SFT Premium has been specially developed for cooling systems made from light metals, such as aluminium, magnesium and/or their alloys. It can be used safely in conventional cast-iron cooling systems. Powerful corrosion inhibitors mean that it is practically unaffected by ageing, giving it a much longer service life compared with that of conventional antifreeze products. An optimal result can only be attained with a 100% filling. Dilute with demineralised water to the recommended ratio.

Specifications

ASTM D3306/D4985/D6210
Chrysler MS 9176
Cummins 85T8-2
DAF 74002
Detroit Diesel
Ford WSS-M97B44-D
GM 6277M
John Deere H 24 B1 & C1
Mack 014GS 17004
MAN 324 Typ SNF
MB 325.3
Leyland Trucks LTS 22 AF 10
Renault 41-01-001/-S Type D
Scania TB 1451
Volkswagen VW TL 774-F (G12 Plus)
Volvo VCS

Typical Standard Analyses

Colour	Pink
Density At 15 °C, Kg/m ³	1124
Flash Point PM, °C	115
pH - 33% in Water	8,4
Reserve Alkalinity, mL	5,6
Watercontents, %	<5,0
Crystallization Point, 25 vol% °C	-12
Crystallization Point, 33 vol% °C	-22
Crystallization Point, 40 vol% °C	-27
Crystallization Point, 50 vol% °C	-40
Crystallization Point, 60 vol% °C	-56



ANTIFREEZE LOBRID OAT

Antifreeze Lobrid OAT is a premium Long Life antifreeze, which contains the patented LOBRID additive technology based on 'Organic Acid Technology' and a small percentage of silicate. It has been specifically designed for use in engines/radiators made from light metals such as aluminium, magnesium or their alloys and complies with VW specification TL VW 774J (G13). Thanks to the addition of powerful corrosion inhibitors, the product is practically unaffected by ageing. Corrosion inhibitors also prevent sludge and deposits forming in the radiator, thereby also ensuring optimal cooling in the long term.

Please note! Reliable measurement of the freeze protection level is only possible using special refractometers with a separate G13 scale!

Typical Standard Analyses

Colour	Red
Density at 15 °C, Kg/m ³	1143
Refractive Index, 20 °C	1.440
pH - 33% in WaterReserve	8,4
Alkalinity, mL	5,7
Watercontents, %	<5,0
Crystallization Point, 33 vol%, °C	-17
Crystallization Point, 40 vol%, °C	-23
Crystallization Point, 50 vol%, °C	-36

Application

Antifreeze Lobrid OAT is a purple-coloured antifreeze for the cooling systems of Volkswagen, Audi, Skoda and Seat vehicles. Antifreeze Lobrid OAT can easily be mixed with older VAG grades, such as G12, G12+ and G12++. Optimal results can only be achieved with 100% filling. Dilute with demineralised water to the recommended ratio before use.

Specifications

VW TL 774-J



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ANTIFREEZE SUPERIOR SI-OAT

Antifreeze Superior SI-OAT is a high quality, lilac-coloured Long Life antifreeze, which uses a patented LOBRID SI-OAT additive technology that guarantees outstanding and long-lasting corrosion protection and long-term stability. This product has a very high acid-neutralising capacity, allowing very long draining intervals. Furthermore, Antifreeze Superior SI-OAT very rapidly provides full corrosion protection for newly installed corrosion-sensitive aluminium components. Full corrosion protection is already achieved within one operating hour. Antifreeze Superior SI-OAT is completely free of amines, nitrites, phosphates, borates and 2-ethylhexanoic acid.

Application

Antifreeze Superior SI-OAT is a modern antifreeze for modern cooling systems of the current generation of BMW and VAG models, for which BMW prescribes an HT-12 quality coolant and VAG a VW G12 EVO quality coolant. This product is fully backwards compatible and can also be fully mixed with the older BMW (SP 11) and VAG coolants (SP 13, SP 12++, SP 12). An optimal result can only be attained with a 100% filling. Dilute with demineralized water to the recommended ratio before use.

Specifications

BMW 83 19 2 458 358 / 83 19 2 466 484
Cummins CES 14603
Deutz DQC CC-14
Liebherr LH-01-COL3A
MAN 324 Si-OAT
MB 325.5 / 325.6 / 326.5 / 326.6
Scania TB-1451
VAG G12 evo / TL 774-L / G12E050

Typical Standard Analyses

Colour	Violet
Density at 15 °C, Kg/m ³	1125
Boiling Point, °C	170
pH - 33% in Water	8,0
Crystallization Point, 30 vol%, °C	-17
Crystallization Point, 40 vol%, °C	-25
Crystallization Point, 50 vol%, °C	-37

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SCREEN WASH CONCENTRATED

Screen Wash Concentrated is a powerful, ethanol-based antifreeze additive to supplement the screenwash. The product cleans grime and insects from the windscreen. By supplementing the screenwash with special additives, the windscreen does not refreeze and the windscreen washer jets do not freeze over.

Application

Screen Wash Concentrated can be added to the water in the windscreen washer tank. By adding in different proportions (see table), a high level of protection against freezing can be achieved. The product is less harmful to the environment than methanol or IPA-based windscreen washers, and is less harmful upon contact with the skin. Dilution advice: One part Screen Wash Concentrated - one part water offers protection down to:

Pure -50 °C

1: 1 -20 °C

1: 2 -12 °C

1: 3 -8 °C

1: 5 Summer



SCREEN WASH ANTI-INSECT

Screen Wash Anti-Insect is a highly-concentrated screenwash with anti-insect effect in a concentrated formula. Screen Wash Anti-Insect features the following properties:

Removes dirt and insects from the windscreen

Streak-free cleaning

Does not affect paint and polycarbonates

Has a pleasant odour

Application

Screen Wash Anti-Insect is suitable for use in the washer systems of all major Western car manufacturers. This product should be mixed with tap water before use to a ratio of 1:20.

DE-ICER

De-Icer is a powerful antifreeze that de-ices frozen windows in an instant and fights the signs of frost. De-Icer contains Isopropyl Alcohol (I.P.A) and a carefully balanced amount of ethylene glycol, as a result of which ice is immediately melted and re-freezing is prevented.

Application

De-Icer can be used at any temperature on any windscreen and does not damage car paints. Once the product has been applied, the ice deposits vanish into thin air. De-Icer is supplied in a pump spray bottle.

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SCREEN WASH -20 °C

Screen Wash -20 °C is a powerful ethanol-based windscreen washer fluid. It quickly cleans grime and insects from the windscreen. By supplementing the screenwash with special additives, the windscreen does not refreeze and the windscreen washer jets do not freeze over.

Application

Screen Wash -20 °C quickly and easily cleans street-grime and insects from the windscreen. The product is ready to use. It no longer needs to be mixed with water! Screen Wash -20 °C offers protection against refreezing down to -20 °C.

SCREEN WASH SUMMER

Screen Wash Summer is an effective windscreen washer fluid for the summer. Screen Wash Summer quickly cleans grime and insects from the windscreen. Screenwash Summer contains less than 5% anionic surfactants, alcohol, glycol and colouring.

Application

Screen Wash Summer is a ready-to-use windscreen washer fluid for the summer. Do not use in the event of frost!

RADIATOR CLEANER

Radiator Cleaner is a professional cleaner for the effective removal of corrosion, sludge and limescale from the cooling system. The advanced formula provides the following benefits:

Removes limescale deposits and corrosion from the cooling system

Restores the heat transfer capacity of the cooling system

A clean cooling system leads to a lower thermal load for the motor oil

Restores the prescribed operating temperature, leading to optimum

performance of the engine

Reduces the risk of heater radiators becoming blocked and issues related to overheating

Prevents adverse effects of mixing unknown types of coolants

Application

Instructions for use:

With a cold engine, add one bottle of Radiator Cleaner to the cooling system (max. 8 litres of coolant). Then heat the cooling system to its operating temperature and leave the engine running for 30 minutes at an increased revs. ATTENTION! Please do not exceed 30 minutes. Drain the system immediately afterwards. Flush the system well with water, then fill it up with the correct coolant. As a final step, thoroughly vent the system.



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WELDING FLUID

Welding Fluid is a special coolant for welding equipment equipped with liquid cooling. The product is based on 1.2 ethanediol and specially softened water. It is supplemented with carefully balanced additives to achieve the following unique properties:

- Does not affect seals and hoses
- Provides the metal parts on the welding equipment with outstanding protection against corrosion
- Very high resistance to foaming
- Thanks to the high viscosity, the head of the welding gun is kept sufficiently cool
- Good lubricating properties in order to lubricate the pump
- Outstanding heat transfer properties
- Fluid is free of lumps and/or crystallisation

Application

Welding Fluid is a special coolant for use in welding equipment with a cooling system. Welding Fluid should be used undiluted, and will then provide frost protection down to -26 °C.

Typical Standard Analyses

Density at 15 °C, Kg/m ³	1,068
pH	8,6
Reserve Alkalinity, ml	8,0
Crystallization Point, °C	-26



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UNIVERSAL MOULD 2000

Universal Mould 2000 is light-coloured mould oil used in the concrete industry and construction sector. It consists of a highly refined base fluid and a very volatile liquid. Non-toxic, surface-active substances and agents resistant to corrosion have been added to this. After the volatile liquid and bleeding water have evaporated, the resulting low interfacial tension ensures a beautifully smooth concrete surface. This product provides the following properties:

- Minimal adhesion of the concrete to the framework
- Steel shuttering remains free of rust
- Smooth and easy release
- Prevents pores from forming on the surface of the concrete
- Dust-proof cement
- Problem-free application of finishing layers
- No discoloration of the concrete surface: essential for visible cement finishes

Application

Universal Mould 2000 is suitable for steel and coated wooden shuttering used in the concrete construction and the concrete industry using (partly) heated moulds.

Quantity per m²:

Coated multiplex: 1 litre per 30 to 40 m²

Steel and other metals: 1 litre per 40 to 50 m²

Typical Standard Analyses

Density at 15 °C, Kg/m ³	835
Viscosity 40 °C, mm ² /s	6,08
Viscosity 100 °C, mm ² /s	1,98
Flash Point COC, °C	93
Pour Point, °C	-27
Acid Number, mgKOH/g	3,30

Instructions for use:

For best results, apply thinly

Remove any excess product with a brush or sprayer

Remove any residual product to prevent stains.

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WEISSKOPF OILS

PRODUCT CATALOGUE



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