

AGRICULTURAL AND MACHINERY LUBRICANTS

**AVANTGARDE | TRANSMISSION | VERSO | CONSTRUCT
GEYSER | BIOCHAIN**

ALWAYS MOVING FORWARD.



 **LUKOIL**

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LUKOIL LUBRICANTS ENABLE RELIABLE MOBILITY FOR MILLIONS WORLDWIDE AND PROVE THEMSELVES DAILY UNDER ALL CONDITIONS.

Lubricants are some of the most important technical components of our daily life – and yet they are rarely noticed. And so it should be. After all, safety and progress can only be guaranteed by high-quality products with long service lives that invisibly keep our ever more dynamic world turning smoothly. LUKOIL Lubricants takes its responsibility as a manufacturer of first-class, reliable lubricants extremely seriously. The company's products are used across a range of industries, ensuring the smooth functioning of vehicles as well as boats and agricultural machinery.

In this way, LUKOIL helps keep today's highly complex logistics networks from grinding to a halt – which would be unthinkable in our modern ultramobile society. Nor is coming to a halt an option for the LUKOIL company. Stable growth, securing of resources and steady improvement of products and processes are essential in a highly dynamic market. LUKOIL has therefore established the goal of being at the absolute top in the most challenging segment: fully synthetic, high-performance oils for modern vehicle engines. The development of LUKOIL products for agricultural applications is an impressive and successful example of this strategy – but we are always striving for more.

Founded in 1991 by a merger of regional oil and gas transport companies in the western Siberian cities of Langepas, Uray and Kogalym (LUK), LUKOIL developed into the largest private oil group in Russia. In line with its established creed of vertical integration – in other words raw material extraction, production and development as well as sales of high-quality products all at a single company – LUKOIL always strives to offer perfect service to its customers. In recent years,



the focus here has been on the lubricants business. Through constant development work at seven refineries and production sites in Europe, including the newly added production and filling plant at the oil port of Lobau, LUKOIL Lubricants has already won over more than 300 manufacturers in the automotive industry, especially with the high-quality oils for the critical European market.

The Austrian market is also gaining in importance here. After all, it is from here that LUKOIL serves all Western European countries, not only with production and development, but also with the operation of a highly efficient distribution network. The lion's share of the value creation is therefore situated in Austria – at the heart of Europe. An important signal of stability and a long-term orientation. The decades of experience of Austrian experts in the role of a Central European hub and interface between East and West also ensure smooth functioning of all critical logistical flows. With the Danube port of Lobau and the Vienna Airport, high-capacity transport routes are a given.



LUKOIL AGRI

THE PREMIUM MOTOR OIL FROM LUKOIL IS PREPARING TO CONQUER THE EUROPEAN MARKET FROM VIENNA – WITH HIGH QUALITY AND A SUSTAINABLE BUSINESS MODEL.

Our LUKOIL products for agricultural applications were specially selected to optimally address the operational needs of your machinery. These products satisfy the highest performance requirements and protect YOUR agricultural machinery under all conditions and weather. This is why you should choose LUKOIL lubricants for the best protection of YOUR machinery.



A yellow excavator is shown in profile, working on a large mound of earth. The excavator's arm is extended, and its bucket is positioned to dump a load of soil. The background is a clear blue sky with some light clouds. The overall scene is one of active construction or mining.

**QUALITY IS OUR STRENGTH.
ENGINES ARE OUR PASSION.**

QUALITY FROM EUROPE

In our state-of-the-art production facilities in Vienna's Lobau, in Finland as well as in Romania, lubricants are produced based on first-class raw materials using innovative technologies. Our scientific experts also work continuously to improve our products to guarantee ever greater reliability and progress.

In this way, LUKOIL can supply customers around the world – even in the most demanding segment of fully synthetic, high-performance lubricants – with reliable and individual solutions for special applications.

IT'S A MATTER OF TRUST.

AVANTGARDE

UNIVERSAL OILS FOR AGRICULTURAL AND CONSTRUCTION MACHINERY

LUKOIL AVANTGARDE PROFESSIONAL XLA 10W-30



Prod. No.: 568380

APPROVALS/SPECIFICATIONS

- Synthetic, low-ash Super-High-Performance-Diesel (SHPD) engine oil for modern truck engines
- Developed especially for utility vehicle engines with particle filters and/or SCR
- Extremely low exhaust gas emissions to satisfy high environmental standards and specially formulated for sulphur free Diesel fuel
- Guarantees maximum oil change intervals and provides effective all season application

ACEA E7, E9; API CK-4, SN;
CATERPILLAR ECF-1-a, ECF-2, ECF-3;
Cummins CES 20086; Detroit Diesel DFS 93K222; DEUTZ DQC III-10 LA;
Ford M2C171-F1; GLOBAL DHD-1; JASO DH-2;
Mack EOS-4.5; MAN M 3775; MB 228.31;
Renault VI RLD-3; Volvo VDS-4.5

LUKOIL AVANTGARDE PROFESSIONAL XLA 10W-40



Prod. No.: 568381

APPROVALS/SPECIFICATIONS

- Engine Oil for heavy duty engines of the newest generation
- Specially developed for trucks with particulate filter and/or SCR technology

ACEA E7, E9; API CK-4, SN;
CATERPILLAR ECF-1-a, ECF-2, ECF-3;
Cummins CES 20086;
Detroit Diesel DFS 93K222;
DEUTZ DQC III-10 LA; Ford M2C171-F1;
GLOBAL DHD-1; Iveco 18-1804 TLS E9;
JASO DH-2; Mack EOS-4.5; MAN M 3775;
MB 228.31; Renault VI RLD-3; Volvo VDS-4.5

LUKOIL AVANTGARDE PROFESSIONAL XLA 15W-40



Prod. No.: 568382

APPROVALS/SPECIFICATIONS



- Modern high-performance Engine Oil with very high environmental potential
- For heavy duty engines of the newest generation with particulate filter and/or SCR technology
- Extremely low exhaust gas emissions to satisfy high environmental standards
- Developed for diesel engines, reduces greenhouse gas emissions and lowers fuel consumption

ACEA E7, E9; API CK-4, SN;
CATERPILLAR ECF-1-a, ECF-2, ECF-3;
Cummins CES 20086; Detroit Diesel DFS 93K222; DEUTZ DQC III-10 LA;
Ford M2C171-F1; GLOBAL DHD-1; JASO DH-2;
Mack EOS-4.5; MAN M 3775; MB 228.31;
Renault VI RLD-4; Volvo VDS-4.5

LUKOIL AVANTGARDE EXTRA 15W-40



Prod.-No.: 567915

APPROVALS/SPECIFICATIONS

- High-performance diesel (HPD) multi-grade Engine Oil, ideally suited for a mixed vehicle fleet
- This oil features outstanding ageing resistance and a high cleaning capacity with respect to combustion residues and deposits
- Suitable for older petrol and diesel passenger car engines without diesel particulate filter

API CG-4, CH-4; **Cummins** CES 20076; **DEUTZ** DQC II; **Mack** EO-M; **MAN** M 271; **Renault** VI RLD; **Volvo** VDS-2; **ZF** TE-ML 03A, 04P, 07D

LUKOIL AVANTGARDE ULTRA 15W-40



Prod.-No.: 568321

APPROVALS/SPECIFICATIONS

- Super-high-performance diesel (SHPD) multi-grade Engine Oil for mixed vehicle fleets and extended oil change intervals. Also suitable for diesel passenger car engines without diesel particulate filter
- Ensures long oil change intervals as per manufacturer APPROVALS/SPECIFICATIONS

ACEA E7; **API** CI-4, SL; **CATERPILLAR** ECF-1-a, ECF-2; **Cummins** CES 20071, CES 20072, CES 20076, CES 20077, CES 20078; **DAF**; **Detroit Diesel** DFS 93K215; **DEUTZ** DQC III-10; **Mack** EO-M Plus, EO-N; **MAN** M 3275-1; **MB-Approval** 228.3; **Renault** VI RLD-2; **Volvo** VDS-3; **ZF** TE-ML 03A, 04P, 07D

LUKOIL AVANTGARDE ULTRA PLUS 10W-40



Prod.-No.: 567820

APPROVALS/SPECIFICATIONS

- Synthetic super-high-performance (SHPD) diesel Engine Oil for mixed vehicle fleets
- It is suitable for extended oil change intervals in utility vehicles and offers optimal wearing and corrosion protection as well as outstanding ageing resistance. It reduces the friction in the engine and lowers the fuel consumption
- Usable year-round, even for older petrol and diesel passenger car engines without diesel particulate filter

ACEA E7; **API** CI-4, SL; **CATERPILLAR** ECF-1-a, ECF-2; **Cummins** CES 20076, CES 20077, CES 20078; **DEUTZ** DQC III-10; **GLOBAL** DHD-1; **Mack** EO-M Plus, EO-N; **MAN** M 3275-1; **MB-Approval** 228.3; **Renault** VI RLD, RLD-2; **Volvo** VDS-3; **ZF** TE-ML 03A, 05K, 07D, 21K

AVANTGARDE

UNIVERSAL OILS FOR AGRICULTURAL AND CONSTRUCTION MACHINERY



LUKOIL AVANTGARDE SAE 10W

Prod.-No.: 567510

APPROVALS/SPECIFICATIONS

ACEA E2; API CF, SF; MAN M 270; MB 228.0; ZF TE-ML 05K, 21K



LUKOIL AVANTGARDE SAE 20W-20

Prod.-No.: 567520

APPROVALS/SPECIFICATIONS

ACEA E2; API CF, SF; MAN M 270; MB 228.0; ZF TE-ML 03A, 07D



LUKOIL AVANTGARDE SAE 30

Prod.-No.: 567530

APPROVALS/SPECIFICATIONS

ACEA E2; API CF, SF; MAN M 270; MB 228.0;
thyssenkrupp Industrial Solutions; ZF TE-ML 03A, 04A, 04B, 07D

- LUKOIL AVANTGARDE is a mineral, single-grade Engine Oil for diverse applications.
- Suitable for various engines, such as utility vehicle engines, manual transmissions, retarders, torque converters and hydraulic systems of agricultural and construction machinery.
- Also suitable for the lubrication of air compressors.
- Usable as a detergent compressor oil.
- Suitable for use in heavy duty, charged diesel and petrol engines.



LUKOIL TRANSMISSION UNI 80W-90



Prod.-No.: 583510

APPROVALS/SPECIFICATIONS

- High-performance universal transmission oil for manual transmissions and axle transmissions
- High ageing-resistance and long service periods
- Protects against wear and optimises the lifespan of the transmission

API GL-4, GL-5, MT-1; **ARVIN** MERITOR 076-D; **MAN** 341 Typ E2, 341 Typ Z2, 342 Typ M2; **MB** 235.0; **SAE** J2360; **Scania** STO 1:0; **ZF** TE-ML 02B, 05A, 12L, 12M, 16B, 17H, 19B, 21A (ZF002259), **ZF** TE-ML 07A,08, 16C, 19C

LUKOIL TRANSMISSION MP 80W-85



Prod.-No.: 583010

APPROVALS/SPECIFICATIONS

API GL-4; **MB-Approval** 235.1; **ZF** TE-ML 16A, 17A, 19A

- Mineral transmission oil with high pressure absorption capacity, primarily for manual transmissions
- Top manual transmission oil with good ageing stability and very high load-bearing capacity
- Ensures an extremely long transmission lifespan thanks to optimal wearing and corrosion protection additives
- Low pour point, low viscosity temperature dependence

LUKOIL TRANSMISSION MP 85W-90



Prod.-No.: 583020

APPROVALS/SPECIFICATIONS

API GL-4; **MB-Approval** 235.1; **ZF** TE-ML 16A, 17A, 19A (ZF003413), **ZF** TE-ML 08

LUKOIL TRANSMISSION B 80W-90



Prod.-No.: 583220

APPROVALS/SPECIFICATIONS

API GL-5; **MAN** 342 Typ M1; **MB** 235.0; **Voith** 3.325-339; **Volvo** 97310; **ZF** TE-ML 07A,08, 16B, 17B, 19B, 21A

- The mineral axle transmission oil is used primarily in utility vehicles for standard oil change intervals with maximum load-bearing capacity
- Axle transmission oil with good ageing stability
- Offers optimal wearing and corrosion protection, ensures a long transmission lifespan
- The transmission oil stands up to the hardest loads and is suitable for hypoid transmissions with extreme axial offset in vehicles and machinery



LUKOIL SERVICES

WHICH ENGINE OIL DO I NEED?

Further information on our products and support in the selection of lubricants for various applications can be found in the LUKOIL lubricant advisor at www.lukoil-lubricants.eu. Our team will be happy to support you with technical questions and concerns at www.lukhelp.com.



LUKOIL TRANSMISSION LS 80W-90

Prod.-No.: 582515

APPROVALS/SPECIFICATIONS

API GL-5; ZF TE-ML 05C, 12C, 21C (ZF003406), ZF TE-ML 16E

- Used for differentials with limited slip and heavily loaded axle transmissions, utility vehicles, tractors and construction machinery
- Universal transmission oil with extremely stable viscosity for heavy loads in axle transmissions as per the manufacturer APPROVALS/SPECIFICATIONS
- Features state-of-the-art anti-wear additives and a reliably constant coefficient of friction



LUKOIL TRANSMISSION LS 85W-90

Prod.-No.: 582520

APPROVALS/SPECIFICATIONS

API GL-5; ZF TE-ML 05C, 12C, 21C (ZF003494), ZF TE-ML 07A,08, 16E

LUKOIL ATF



Prod.-No.: 583315

APPROVALS/SPECIFICATIONS

- The universal, partly synthetic automatic transmission oil was developed for both cars and trucks
- Excellent viscosity and temperature behaviour
- Excellent ageing and foaming behaviour, very good flow properties at low temperatures and reliable protection against wear and corrosion
- Used as a power transmission medium in automatic transmissions of cars, buses and all-terrain vehicles

Allison C-4; BELAZ; CATERPILLAR TO-2; GM DEXRON® II-D, III-G; MAN 339 Typ D, 339 Typ F, 339 Typ L1, 339 Typ V1, 339 Typ Z1; MB 236.1; Voith H55.6335.XX; Volvo 97340, 97341; ZF TE-ML 04D, 14A (ZF001146), ZF TE-ML 11A, 11B, 17C

**YOU ARE
THE FARMER,
WE
KEEP YOU
FARMING.**





LUKOIL VERSO MOTOR 10W-40

Prod.-No.: 568240

APPROVALS/SPECIFICATIONS

ACEA E2; API CG-4, GL-4, SF; Allison C-4; CATERPILLAR TO-2; Ford WSS-M2C159-B, WSS-M2C159-C; JOHN DEERE JDM J27A; MASSEY FERGUSON CMS M1139, M1144, M1145; MB 227.1, 228.1; ZF TE-ML 06B, 06F, 07B (ZF001753); ZF TE-ML 06C, 06Q, 06R

- High-quality super tractor universal oil (STOU) for year-round use in engines, hydraulic systems and transmissions with wet brakes in agricultural equipment and construction machinery
- Outstanding ageing-resistance
- High cleaning capacity with respect to combustion residues and deposits



LUKOIL VERSO MOTOR 15W-30

Prod.-No.: 568225

APPROVALS/SPECIFICATIONS

ACEA E2; API CF-4, GL-4, SF; Allison C-4; CATERPILLAR TO-2; CNH CVX, CVT, TVT, MAT 3525; DEUTZ-Fahr; Fendt; Ford WSS-M2C159-B, WSS-M2C159-C; JOHN DEERE JDM J27; Lindner Geotrac Serie 4; MASSEY FERGUSON CMS M1139, M1144, M1145; MB 228.1; NH 324G; STEYR 9000; Valtra; ZF S-MATIC

LUKOIL VERSO PLUS 3540



Prod.-No.: 583430

APPROVALS/SPECIFICATIONS



- Is a semi-synthetic high-performance UTTO (Universal-tractor-transmission-oil)
- Designed to meet or exceed the latest CVT requirements of leading OEMs
- Ideal for the application under adverse conditions
- Meets the stringent requirements for Case New Holland MAT 3540 specification, which are also used in Steyr brand tractors
- Friction-optimized additives ensure maximum performance and best possible brake noise suppression

API GL-4; **Allison** C-4; **CASE** MS 1205, MS 1206, MS 1207, MS 1209, MS 1210, MS 1230; **CATERPILLAR** TO-2; **CNH** MAT 3505, MAT 3506, MAT 3509, MAT 3525, MAT 3540; **EATON** VICKERS I-286-S, VICKERS M-2950-S; **Ford** ESN-M2C134-A, ESN-M2C134-B, ESN-M2C134-C, ESN-M2C134-D, ESN-M2C86-C, FNHA-2-C-201.00; **JOHN DEERE** JDM J20C; **Kubota** UDT; **Landini** MACROS/C; **MASSEY FERGUSON** CMS M1135, M1141, M1143, M1145; **MIL**-L-2105; **NH** 410B; **Valtra** G2-08; **Volvo** 97303 VCE WB101; **ZF** TE-ML 03E, 05F, 06K, 06L, 17E, 21F

LUKOIL VERSO PLUS



Prod.-No.: 583429

APPROVALS/SPECIFICATIONS



- Is a high-performance UTTO (universal-tractor-transmission-oil) that was developed for extended drain intervals
- Developed for use in transmissions (CVT), wet brakes, hydraulic systems and auxiliary drives in the most modern tractors, forestry and construction machines
- Ideal for the application under adverse conditions
- Reduces storage costs due to the coverage of many manufacturer APPROVALS/SPECIFICATIONS and is therefore also ideally suited for older model generations

API GL-4; **Allison** C-4; **CASE** MS 1204, MS 1209; **CATERPILLAR** TO-2; **CNH** MAT 3505, MAT 3525; **EATON** VICKERS I-286-S, VICKERS M-2950-S; **Ford** ESN-M2C134-A, ESN-M2C134-B, ESN-M2C134-C, ESN-M2C134-D, ESN-M2C86-C, New Holland FNHA-2-C-201.00; **JOHN DEERE** JDM J20C; **Kubota** UDT; **Landini** MACROS/C; **MASSEY FERGUSON** CMS M1141, M1143, M1145; **MIL**-L-2105; **NH** 410B; **Valtra** G2-08; **Volvo** 97303 VCE WB101; **White Farm**; **ZF** TE-ML 03E, 05F, 17E, 21F (ZF002295), ZF TE-ML 06K, 06L

PACKAGING INFORMATION

PACKAGING	TARE BOX (KG)	TARA CONTAINER (KG)	WIDTH (MM)	HÖHE (MM)	LENGTH (MM)	DIA-METER (MM)	UNITS PER PALLET	PALLET SIZE (CM)	UNITS PER SALE UNIT
1 LITRE BOTTLE	0,35	0,08	260	240	380	-	432	120 x 80	12
5 LITRE BOTTLE	0,32	0,3	260	330	380	-	81	120 x 80	3
20 LITRE CANISTER	-	1,0	260	362	300	-	36	120 x 80	-
DRUM 60 LITRES	-	4,0	-	586	-	384	6	120 x 80	-
DRUM 205 LITRES	-	14,5	-	878	-	585	4	120 x 120	-
IBC CONTAINER 1000 LITRES	-	60	1000	1200	1200	-	-	-	-



LUKOIL VERSO 10W-30

Prod.-No.: 583460

APPROVALS/SPECIFICATIONS

- Is an UTTO (Universal-tractor-transmission-oil) which was developed for standard drain intervals
- Good response behavior of hydraulics and transmissions, especially in the starting phase
- Friction-optimized additives ensure ideal performance and good brake noise suppression
- Well suited for older models. Reduce fleet costs through the optimized price-performance ratio

API GL-4; Allison C-4; CASE MS 1204, MS 1206, MS 1207, MS 1209; CATERPILLAR TO-2; CNH MAT 3505, MAT 3525; EATON VICKERS I-286-S, VICKERS M-2950-S; Ford ESN-M2C134-A, ESN-M2C134-B, ESN-M2C134-C, ESN-M2C134-D, ESN-M2C86-C, New Holland FNHA-2-C-201.00; JOHN DEERE JDM J20C; MASSEY FERGUSON CMS M1127A, M1127B, M1143, M1145; MIL-L-2105; NH 410B, 420A; Volvo 97303 VCE WB101



LUKOIL VERSO STE

Prod.-No.: 583440

APPROVALS/SPECIFICATIONS

- Specially developed universal oil for hydraulics and wet brakes for KALMAR forklifts
- Prevents stick-slip
- Viscosity class ISO-VG 46 or SAE 20

API GL-4





CONSTRUCT

SPECIAL OIL FOR CONSTRUCTION MACHINERY



LUKOIL CONSTRUCT TO-4 SAE 10W

Prod.-No.: 583540

APPROVALS/SPECIFICATIONS

API CF, CF-2, GL-4; Allison C-4;
Besteht EATON VICKERS 35VQ25 Flügelzellenpumpen-Test;
CATERPILLAR TO-4; KOMATSU-DRESSER; ZF TE-ML 03C



LUKOIL CONSTRUCT TO-4 SAE 30

Prod.-No.: 583550

APPROVALS/SPECIFICATIONS

API CF, CF-2, GL-4; Allison C-4; CATERPILLAR TO-4; KOMATSU-DRESSER;
ZF TE-ML 03A, 03C, 04A, 07D, 07F



LUKOIL CONSTRUCT TO-4 SAE 50

Prod.-No.: 583555

APPROVALS/SPECIFICATIONS

API CF, CF-2, GL-4; Allison C-4; CATERPILLAR TO-4; KOMATSU-DRESSER

LUKOIL CONSTRUCT TO-4 are special oils for construction machinery for use in engines, powershift transmissions, manual transmissions, lateral drives, drive axles, cable winches, hydraulic systems and hydrostatic travel drives as per manufacturer specification; specially for CAT TO-4 and many other construction machines



MOTO



LUKOIL MOTO 4T GARDEN SAE 30

Prod.-No.: 568931

APPROVALS/SPECIFICATIONS

- Monograde engine oil, for air-cooled and water-cooled 4-stroke engines in lawnmowers, small tractors, rotary hoes, tool carriers and other motorised equipment used in gardening and landscape management.
- The engine oil has good cold-starting performance down to -15°C and provide that the entire engine is lubricated quickly. It also guarantees minimal oil consumption due to low evaporation tendency.
- It provides excellent thermal load capability, ageing and oxidative stability.

API SG

LUKOIL GEYSER MD 46



Prod.-No.: 572780

APPROVALS/SPECIFICATIONS

- LUKOIL GEYSER MD 46 is a high-quality mineral, multi-grade, hydraulic oil with advanced additive technology for heavy duty use. The well balanced formulation offers the best wear and corrosion protection, rapid air separation capacity and low foaming tendency. The detergent properties reliably combat system contamination and deposit formation.
- This product's detergent properties make it ideal for use in hydraulic systems with a high dirt load, for example in construction machinery, commercial vehicles, shears and balers.

DIN 51502 (HVLDP), 51524-3 (HVLDP)

LUKOIL GEYSER MD ZF 46



Prod.-No.: 572792

APPROVALS/SPECIFICATIONS

- High-class detergent multi-grade hydraulic oil with zinc-free high-pressure additives to increase performance
- It is ideally suited for use in various stationary or mobile hydraulic systems that are exposed to a wide temperature range or where water ingress is to be expected
- Excellent wear protection even in mixed friction areas
- Very good thermal and oxidative stability

DIN 51502 (HLPD), 51502 (HVL), 51502 (HVLDP), 51517-3 (CLP), 51524-3 (HVL); ISO 6743-4 (L-HV)

LUKOIL GEYSER M 32



Prod.-No.: 572630

APPROVALS/SPECIFICATIONS

BOSCH REXROTH RD 90220, RDE 90235; EATON VICKERS E-FDGN-TB002-E; PARKER DENISON HF-0, HF-1, HF-2; DIN 51524-3 (HVL); ISO 11158 (L-HV), 6743-4 (L-HV); AIST 126, 127; ASTM D 6158 (HV); CINCINNATI Machine/ MILACRON/ MAG (FIVES) P-68; EATON Brochure 03-401-2010; GB 11118.1-2011; GM LS-2; JCMAS HK P-041; PALFINGER; SAE MS 1004 (HV); SEB 181 222; VDMA 24318 (HVL)

- High-quality, multi-grade mineral hydraulic oil with advanced additive technology
- Used in hydraulic drives that are subject to large fluctuations in ambient temperature
- The balanced formulation offers optimal wearing and corrosion protection, rapid air release capacity and low foaming tendency

LUKOIL GEYSER M 46



Prod.-No.: 572640

APPROVALS/SPECIFICATIONS

BOSCH REXROTH RD 90220, RDE 90235; EATON VICKERS E-FDGN-TB002-E; PARKER DENISON HF-0, HF-1, HF-2; U.S. STEEL 126, 127; DIN 51524-3 (HVL); ISO 11158 (L-HV), 6743-4 (L-HV); AIST 126, 127; ASTM D 6158 (HV); CINCINNATI Machine/ MILACRON/ MAG (FIVES) P-70; EATON Brochure 03-401-2010; GB 11118.1-2011; GM LS-2; JCMAS HK, HK P-041; PALFINGER; SAE MS 1004 (HV); SEB 181 222; VDMA 24318 (HVL); ZF TE-ML 07H

LUKOIL GEYSER M 68



Prod.-No.: 572680

APPROVALS/SPECIFICATIONS

BOSCH REXROTH RD 90220, RDE 90235; EATON VICKERS E-FDGN-TB002-E; PARKER DENISON HF-0, HF-1, HF-2; U.S. STEEL 126, 127; DIN 51524-3 (HVL); ISO 11158 (L-HV), 6743-4 (L-HV); AIST 126, 127; ASTM D 6158 (HV); CINCINNATI Machine/ MILACRON/ MAG (FIVES) P-69; EATON Brochure 03-401-2010; GB 11118.1-2011; GM LS-2; JCMAS HK, HK P-041; PALFINGER; SAE MS 1004 (HV); SEB 181 222; VDMA 24318 (HVL); ZF TE-ML 07H

LUKOIL GEYSER ST 22

Prod.-No.: 572520

APPROVALS/SPECIFICATIONS

EATON VICKERS E-FDGN-TB002-E; PARKER DENISON HF-0, HF-1, HF-2; DIN 51524-2 (HLP); ISO 11158 (L-HM), 6743-4 (L-HM); AFNOR NF E 48603 (HM); AIST 126, 127; ASTM BS 6580, D 6158 (HM); DANIELI 0.000.001; EATON Brochure 03-401-2010; GB 11118.1-2011; GM LS-2; GMS group; JCMAS HK P-041; KVANTA; NASOSY PPD; PALFINGER; SAE MS 1004; SEB 181 222; SMS group SN 180-2; SULZER Pumps; TMT; VDMA 24318 (HLP); Voith

- High-quality mineral hydraulic oil with advanced additive technology
- Excellently suited for use in hydraulic drives, lifting systems and presses
- Optimal wearing and corrosion protection, rapid air release capacity



LUKOIL GEYSER ST 32

Prod.-No.: 572530

APPROVALS/SPECIFICATIONS

BOSCH REXROTH RD 90220, RDE 90235; EATON VICKERS E-FDGN-TB002-E, I-286-S, M-2950-S; PARKER DENISON HF-0, HF-1, HF-2; DIN 51524-2 (HLP); ISO 11158 (L-HM), 6743-4 (L-HM); AGMA 9005-E02; AIST 126, 127; ASTM D 6158 (HM); CINCINNATI Machine/ MILACRON/ MAG (FIVES) P-68; DANIELI; DRESSTA; DUPLOMATIC; EATON Brochure 03-401-2010; FURUKAWA UNIC; GB 11118.1-2011; GM LS-2; GMS group; JCMAS HK, HK P-041; JOY MINING MACHINERY; KOPEX MACHINERY; KOPPERN; KVANTA; METSO; NASOSY PPD; PALFINGER; PRIMETALS TECHNOLOGIES; SACMI; SAE MS 1004; SANY Heavy Industry; SCHULER; SEB 181 222; SMS group SN 180-2; SMT SCHARF; SULZER Pumps; thyssenkrupp Industrial Solutions; TMT; VDMA 24318 (HLP); Voith, Turbo; WOJIN SELEX



LUKOIL GEYSER ST 46

Prod.-No.: 572540

APPROVALS/SPECIFICATIONS

BOSCH REXROTH RD 90220, RDE 90235; EATON VICKERS E-FDGN-TB002-E, I-286-S; PARKER DENISON HF-0, HF-1, HF-2; DIN 51524-2 (HLP); ISO 11158 (L-HM), 6743-4 (L-HM); AIST 126, 127; ALTA; ARBURG; ASTM D 6158 (HM); AUTOMA; AVERMANN; BATTENFELD; CINCINNATI Machine/ MILACRON/ MAG (FIVES) P-70; CMC-TEXPAN; DANIELI 0.000.001; DIEFFENBACHER; DRESSTA; DUPLOMATIC; EATON Brochure 03-401-2010; EICKHOFF; ENGEL; FELUWA Pumpen; FERRIT; FLSmidth MAAG; GB 11118.1-2011; GM LS-2; GMS group; HAITIAN; HUSKY HS 207; HYDAC International; JCMAS HK, HK P-041; JOY MINING MACHINERY; KOPEX MACHINERY; KRAUSS MAFFEI BERSTORFF; KVANTA; LAEIS; LOESCHE; METSO; NASOSY PPD; PALFINGER; PRIMETALS TECHNOLOGIES; SACMI; SAE MS 1004; SANY Heavy Industry; SCHULER; SEB 181 222; SMS group SN 180-2, SIEMAG; SMT SCHARF; STORK IMM; SULZER Pumps; SUMITOMO SHI DEMAG; thyssenkrupp Industrial Solutions; TMT; UNILLOY MALACRON; VDMA 24318 (HLP); Voith, Turbo; WAFIOS; WOJIN SELEX; ZF TE-ML 07H



LUKOIL GEYSER ST 68

Prod.-No.: 572550

APPROVALS/SPECIFICATIONS

BOSCH REXROTH RD 90220, RDE 90235; EATON VICKERS E-FDGN-TB002-E, I-286-S, M-2950-S; PARKER DENISON HF-0, HF-1, HF-2; DIN 51524-2 (HLP); ISO 11158 (L-HM), 6743-4 (L-HM); AGMA 9005-E02; AIST 126, 127; ANDREAS HOFER; ASTM D 6158 (HM); CINCINNATI Machine/ MILACRON/ MAG (FIVES) P-69; DANIELI 0.000.001; DRESSTA; DUPLOMATIC; EATON Brochure 03-401-2010; EICKHOFF; FELUWA Pumpen; FLSmidth MAAG; GB 11118.1-2011; GM LS-2; GMS group; JCMAS HK P-041; JOY MINING MACHINERY; KOPEX MACHINERY; KRAUSS MAFFEI BERSTORFF; KVANTA; LOESCHE; METSO; NASOSY PPD; PALFINGER; PRIMETALS TECHNOLOGIES; SACMI; SAE MS 1004; SANY Heavy Industry; SCHULER; SEB 181 222; SMS group SN 180-2; SULZER Pumps; thyssenkrupp Industrial Solutions; TMT; TURBONASOS; VDMA 24318 (HLP); ZF TE-ML 07H



LUKOIL GEYSER ZF 46



Prod.-No.: 572546

APPROVALS/SPECIFICATIONS

- High-quality, zinc-free mineral hydraulic oil with advanced additive technology.
- For use in hydraulic systems for which "ash-free" hydraulic oils are specified as well as in screw compressors.
- Optimal wearing and corrosion protection, rapid air release capacity and low foaming tendency.

BOSCH REXROTH RD 90220; **EATON VICKERS** E-FDGN-TB002-E, M-2950-S; **PARKER DENISON** HF-0, HF-1, HF-2; **DIN** 51524-2 (HLP); **ISO** 20763, 6743-4 (L-HM); **ALTA**; **ASTM D** 6158 (HM); **AUTOMA**; **CINCINNATI** Machine/ **MILACRON/ MAG** (FIVES) P-70; **DANIELI** 0.000.001; **GM LS-2**; **KRAUSS MAFFEI BERSTORFF**; **SAE MS** 1004; **SCHULER**; **Siemens**; **SMS group SN** 180-2; **SULZER** Pumps; **VDMA** 24318 (HLP); **WOOJIN** PLAIMM

LUKOIL GEYSER BIO S 32



Prod.-No.: 572692

APPROVALS/SPECIFICATIONS

DIN ISO 15380 (HEES); **ÖNORM C** 1158: >90%, C 2027 (HEES); **PALFINGER**; **thyssenkrupp Industrial Solutions**; **VDMA** 24568 (HEES)

- High-quality, zinc-free, rapidly biodegrading hydraulic oil based on saturated, synthetic esters and advanced additive technology
- Excellently suited for year-round use in heavy duty hydraulic systems for construction, agricultural and forestry machinery, mobile equipment and water treatment plants
- The balanced, low-ash formulation is the basis for maximum oil change intervals and offers optimal wearing and corrosion protection, good air release capacity and low foaming tendency along with the lowest possible environmental impact

LUKOIL GEYSER BIO S 46



Prod.-No.: 572693

DIN ISO 15380 (HEES); **ÖNORM C** 1158: >90%, C 2027 (HEES); **PALFINGER**; **VDMA** 24568 (HEES)

LUKOIL BIOSEGAROL E 100



Prod.-No.: 580481

APPROVALS/SPECIFICATIONS

- Rapidly biodegrading, environmentally friendly chainsaw oil based on high-quality rapeseed oil
- Reliable wearing and corrosion protection as well as good clinging capacity
- Clings even under cold and damp conditions
- Optimal lubrication of the chain links

Biologisch abbaubar nach 21 Tagen nach **ON C** 1158: > 90 %
ÖNORM C 2030

LUKOIL BIOCHAIN LIGHT

MEDIUM

HEAVY



Prod.-No.: 580431

Prod.-No.: 580432

Prod.-No.: 580433

- Biologically degradable open-system lubrication oils based on rapeseed oil
- Good clinging capacity, reliable friction reduction, good wearing protection, economical consumption
- Ideally suited for use in open lubrication systems in the wood processing and saw industry
- Good low temperature behaviour

APPROVALS/SPECIFICATIONS
BIOCHAIN HEAVY

thyssenkrupp Industrial Solutions

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