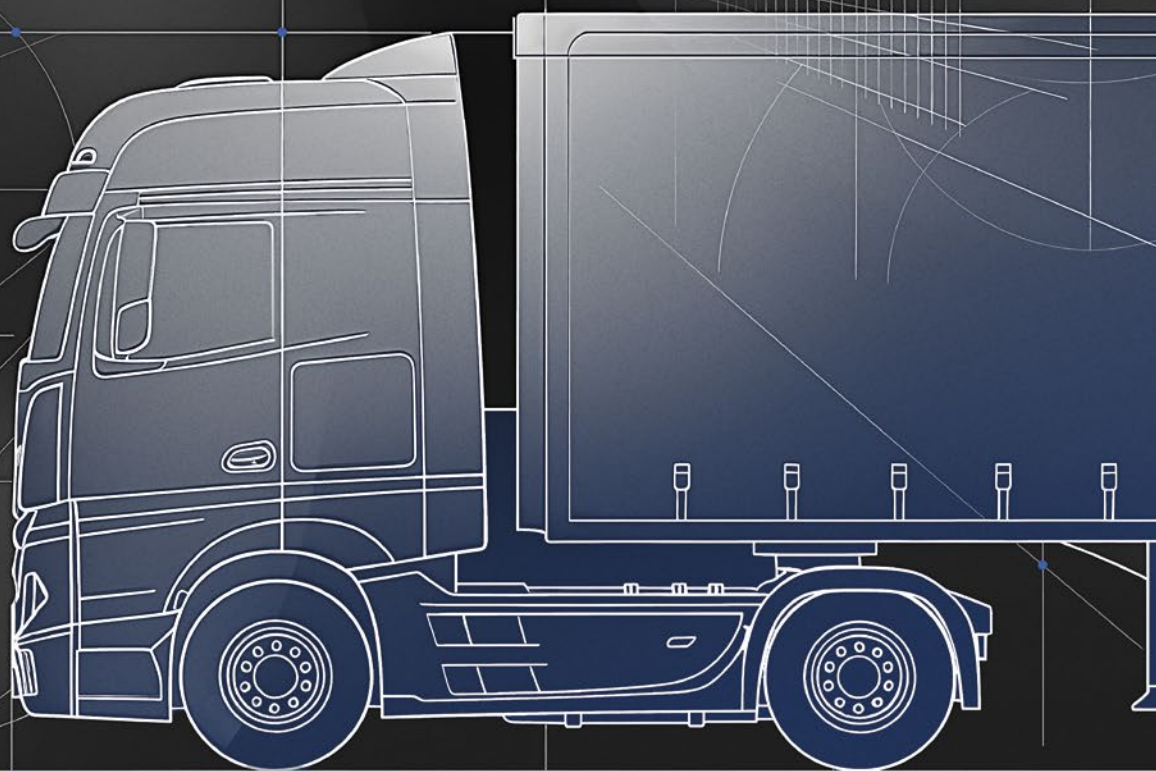




ORLEN
OIL

CATALOGUE OF ENGINE OILS FOR TRUCKS



ULTOR Oils

ORLEN OIL ULTOR engine oils are designed for truck, bus and heavy equipment engines used in transport and construction. Thanks to the use of state-of-the-art production solutions and additive packages, the resulting oils are of the highest quality. Particularly noteworthy in the ORLEN OIL range are the ULTOR oils featuring the NEO GUARD formula, which keeps the engine clean, protects its components against abrasive wear and extends the oil change interval. The effectiveness of oils with the NEO GUARD formula is confirmed by OEM approvals.

Research and development work conducted on new solutions and technologies together with leading package and raw material suppliers is aimed at adapting ORLEN OIL's range of lubricants to the requirements of customers and vehicle manufacturers.

The quality of the ULTOR range is endorsed by numerous approvals from leading manufacturers of trucks and heavy machinery, such as Mercedes-Benz, Volvo, MAN and Scania. The main advantages of using oils from the ORLEN OIL ULTOR range are lower emissions of harmful substances into the environment, care for engine cleanliness, lower combustion and extended oil change intervals.



The NEO GUARD formula is designed to keep heavy-duty engines clean and provide full protection, keeping your fleet moving.

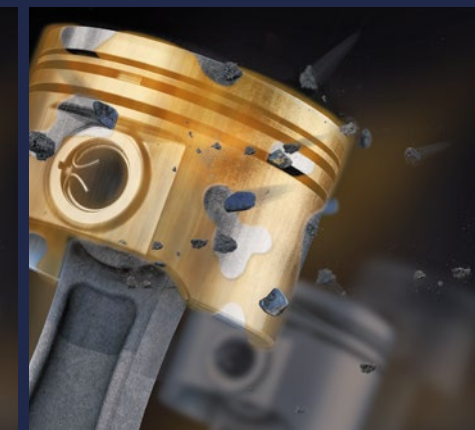
The key benefits are:

- keeping the engine clean,
- enhanced protection of the engine against abrasive wear,
- extended oil change intervals thanks to effective lubrication throughout the service life,
- OEM approvals.

During the combustion process, harmful deposits and soot particles form in the engine, potentially damaging it if left unchecked. Soot, which tends to form larger particles through a process known as agglomeration, can be extremely harmful to the engine. These larger particles often contain other contaminants, such as metal filings, causing increased abrasive wear and damage to engine components. Furthermore, they cause the oil to thicken, which reduces the performance of the vehicle, leads to a potential lack of oil flow within the engine, and may consequently result in a serious breakdown. ORLEN OIL ULTOR with the NEO GUARD formula is a specially developed range of oils containing dispersants and detergents that prevent the formation of harmful deposits and soot agglomerates. This ensures that the engine remains clean, is effectively protected and that the vehicle performs at its best.



The NEO GUARD formula keeps the engine clean and safe.



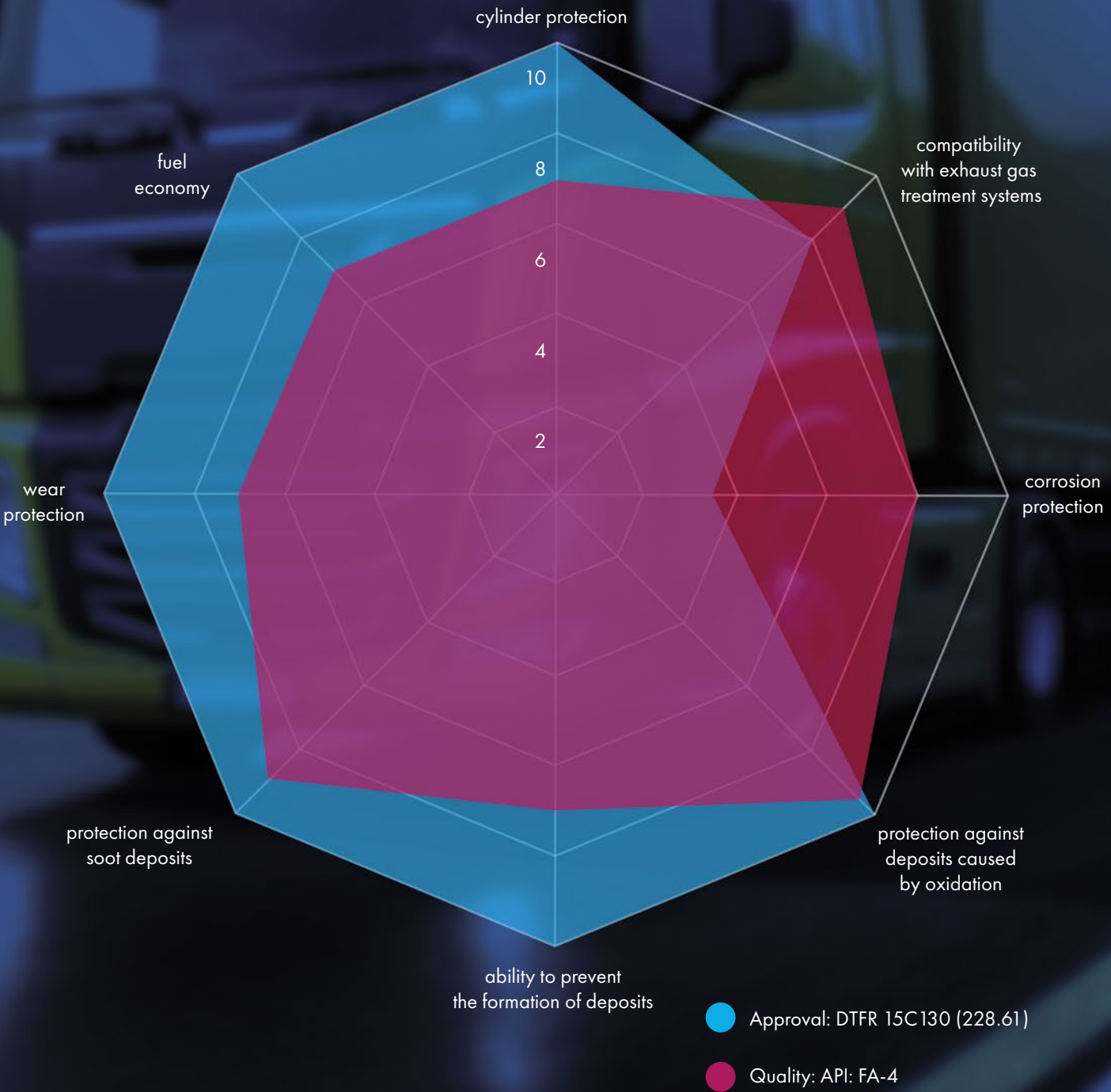
Harmful deposits and soot particles can damage engine components.



The ORLEN OIL range includes the ORLEN OIL ULTOR FUEL ECONOMY 5W-30 high-quality synthetic engine oil, which meets, amongst other things, the latest API quality specifications: FA-4/SN, ACEA F01 and the requirements of the latest VOLVO VDS-5 approval. Not only does this product offer excellent lubricating properties, ensuring effective engine protection in all operating conditions, but it also reduces fuel consumption by 1.3%*.

ORLEN OIL ULTOR FUEL ECONOMY 5W-30 also guarantees reliable engine performance in all operating conditions. This was demonstrated in the Mercedes-Benz OM501LA test, which measures the wear and tear on individual engine components.

The radar chart below illustrates the level of engine protection provided by ORLEN OIL ULTOR FUEL ECONOMY 5W-30, an API FA-4/SN oil with the DTFR 15C130 (MB 228.61) approval.



* Compared with fuel consumption in the test on the M501 La test engine lubricated with the reference oil.

Engine oils

-  **Maximum protection and safety for the system**
-  **Fuel economy**
-  **Maximum engine performance**
-  **Protection against deposits**
-  **Consistent oil performance**
-  **Longer intervals between oil changes**
-  **Lower operating costs**

ORLEN OIL **ULTOR**
EFFECTIVE 5W-20

Viscosity
SAE 5W-20

Approvals
Scania LDF-5

Meets the requirements of
MAN M3977

State-of-the-art synthetic diesel engine oil for trucks, buses and heavy equipment. Designed for vehicles meeting the EURO VI exhaust emission standard and equipped with a DPF exhaust gas treatment system. The product provides maximum engine protection in the most severe operating conditions. Technology developed for the latest generation of drive units.



ORLEN OIL **ULTOR**
FUEL ECONOMY 5W-30

Quality
API FA-4, SN, ACEA F01

Viscosity
SAE 5W-30

Approvals
DTFR 15C130, VOLVO VDS-5, MACK EOS-5, RENAULT Trucks RLD-5

Meets the requirements of
JASO DH-1, Cummins CES 20087, Detroit Diesel DDC 93K223, Caterpillar ECF-3

Synthetic oil increasing fuel efficiency for Diesel engines in HGVs, buses and heavy equipment, which meet EURO VI emissions class and are equipped with SCR, DPF or EGR systems. This product cannot substituted with oil of the CK-4, CJ-4 class or lower. Not recommended for use with fuel with sulphur content exceeding 15 ppm.



ORLEN OIL **ULTOR**
PERFECT 5W-30

Quality
**API CK-4, CJ-4, SN
ACEA E6, E8, E7, E9, E11**

Viscosity
SAE 5W-30

Approvals
DTFR 15C110, DTFR 15C100, Volvo VDS-4.5, Mack EO-S-4.5, Renault VI RLD-3, MAN M3677, Meet Scania LDF-4

Meets the requirements of
CUMMINS CES 20086, DTFR 15C120, Detroit Diesel Extranet 93K222, DEUTZ DQC IV-18 LA, MTU TYPE 3.1, VOLVO VDS-3, MAN M3271-1, M3775, M3477, Caterpillar ECF-3, IVECO, FORD WSS-M2C213-A, DAF PSQL 2.1E-LD, JASO DH-2

Top quality engine oil developed by combining synthetic base oil and technically advanced system of Low SAPS enriching additives. This allowed us to achieve maximum protection for the engine and extend the trouble-free operation of modern exhaust gas aftertreatment systems.



ORLEN OIL **ULTOR**
MAXIMO 5W-30

Quality
API CF, ACEA E4

Viscosity
SAE 5W-30

Approvals
Volvo VDS-3, Mack EO-N, Renault VI RLD-2

Meets the requirements of
MAN M3277, MTU Type 3, Renault RVI RXD, RLD, Scania LDF-3, Cummins CES 20077, Deutz DQC IV-18, Voith Class A, DTFR 15B120

UHPDO synthetic oil for ultra high-performance diesel engines in trucks, buses and heavy machinery.



ORLEN OIL **ULTOR**
MAX 5W-40

Quality
API CK-4, SN, ACEA E9, E11

Viscosity
SAE 5W-40

Approvals
DTFR 15C100, Volvo VDS-4.5, Renault RLD-3, Mack EOS-4.5

Meets the requirements of
MAN M 3775, MAN M 3575, MTU Type 2.1, Caterpillar ECF-2, ECF-3, Detroit Diesel 93K222, Cummins CES 20086, Deutz DQC III-18LA, Ford WSS-M2C171-F1



Synthetic oil with NEO GUARD formula, designed for highly loaded diesel engines in trucks, buses, and heavy equipment.



ORLEN OIL **ULTOR**
OPTIMO 10W-30

Quality
API CK-4,CJ-4, ACEA E9, E7, E11

Viscosity
SAE 10W-30

Approvals
DTFR 15C100, Volvo VDS-4.5, Renault RVI RLD-3, Mack EO-O-S 4.5, This product meets Cummins® Eng. Std. 20086

Meets the requirements of
MAN M3775, M3575, Caterpillar ECF-3, Detroit Diesel DFS 93K222, Ford WSS-M2C171-F1, Deutz DQC III-18 LA, MTU Type 2.1



Containing the next-generation NEO GUARD formula, a semi-synthetic SHPD engine oil, mid-SAPS, for diesel engines meeting EURO VI, V, IV and lower standards. Compatible with exhaust aftertreatment systems: DPF, EGR/SCR NOx.



ORLEN OIL **ULTOR**
SCANDIV 10W-40

Quality **API CF, ACEA E4, E7** Viscosity **SAE 10W-40**

Approvals
Meet Scania LDF-3 specification

Meets the requirements of
DTFR 15B120, MAN M3277, Deutz DQC III-18, Volvo VDS-3, Renault RVI RLD-2, Mack EO-N, MTU Type 3, DAF Extended Drain

ORLEN OIL ULTOR SCANDIV 10W-40 is a premium quality SHPD engine oil designed for lubrication of latest generation high-performance diesel engines. Recommended for engines conforming to EURO V standard, with EGR or SCR NOx aftertreatment systems.



ORLEN OIL **ULTOR**
COMPLETE 10W-40

Quality **API CK-4, CJ-4, CI-4, SN ACEA E6, E7, E9, E11** Viscosity **SAE 10W-40**

Approvals
This product meets Cummins® Eng. Std. 20081

Meets the requirements of
MAN M3477, Volvo VDS-4, Renault RVI RLD-3, Mack EO-O Premium Plus, Caterpillar ECF-3, DDC 93K218, JASO DH-2, Deutz DQC IV-10 LA, MTU Type 3.1, DTFR 15C110

ORLEN OIL COMPLETE 10W-40 is an innovative, semi-synthetic SHPD engine oil, recommended for high-pressure diesel engines operating in difficult conditions. It is intended for engines meeting EURO VI, V and lower standards. Recommended for eco-friendly vehicles with low-emission engines and exhaust gas treatment devices such as DPF, EGR/SCR NOx.



ORLEN OIL **ULTOR**
PROGRESS 10W-40

Quality **API CK-4, CJ-4, CI-4, SN ACEA E8, E11, E7, E6, E9** Viscosity **SAE 10W-40**

Approvals
DTFR 15C110, DTFR 15C120, Volvo VDS-4.5, Renault RVI RLD-3, Mack EOS-4.5, MAN M3775, This product meets Cummins Eng. Std. CES 20086, MTU Category 3.1

Meets the requirements of
MAN M 3477, MAN 3271-1, DAF, JASO DH-2, Caterpillar ECF-3, Deutz DQC TTCD, Deutz DQC-IV-18 LA, This product meets Cummins Eng. Std. CES20076/77, MTU Typ 2.1

Synthetic oil for diesel engines in trucks that meet Euro V and EURO VI equipped with DPF and SCR systems.



ORLEN OIL **ULTOR**
EXTREME 10W-40

Quality **API CI-4, CH-4, CG-4, ACEA E7, E4** Viscosity **SAE 10W-40**

Approvals
DTFR 15B120, MAN M3277, Volvo VDS-3, MACK EO-N, Renault VI RLD-2

Meets the requirements of
DEUTZ DQC-III-18, MTU Type 2, MTU Type 3.1, Jaso DH-1, Global DHD-1, DDC 93K215, Allison C-4, Cummins CES 20078

Semi-synthetic oil for diesel engines with SCR system, with maximised exchange intervals, meeting the emission standards Euro V and Euro IV. Unique composition of bases and high quality performance chemicals guarantees full power of the engine in all operating conditions.



ORLEN OIL **ULTOR**
MASTER 10W-40

Quality **API CH-4, CG-4, ACEA E7, E4** Viscosity **SAE 10W-40**

Meets the requirements of
DTFR 15B120, MAN M 3275, Volvo VDS-2, Renault VI RLD

Semi-synthetic, top quality oil for heavy duty diesel engines in trucks, buses, and heavy equipment. Compatible with exhaust gases processing solutions (EGR/SCR). ORLEN OIL ULTOR MASTER 10W-40 performs its tasks excellently, guaranteeing fault-free operation of the engine in the most difficult of conditions.



ORLEN OIL **ULTOR**
BASIC 10W-40

Quality **API CI-4** Viscosity **SAE 10W-40**

Semi-synthetic oil for heavy-duty diesel engines in trucks, buses, and heavy equipment. It is intended for engines complying with EURO V or lower. ORLEN OIL ULTOR BASIC10W-40 performs perfectly in all operating conditions both in summer and winter



ORLEN OIL **ULTOR**
FUTURO 15W-40

Quality **API CK-4, SN, ACEA E9, E11, E7** Viscosity **SAE 15W-40**

Approvals
DTFR 15C100, Volvo VDS-4.5, Renault RVI RLD-3, Mack EO-S 4.5, This product meets Cummins Eng. Std. CES20086

Meets the requirements of
MAN M 3775, MAN M 3575, MTU Type 2.1, Caterpillar ECF-3, Detroit Diesel 93K222, Ford WSS-M2C171-F1, Allison TES 439, JASO DH-2, MAZ, Deutz DQC III- 18LA



Containing the NEO GUARD formula, a modern, top-quality SHPD oil for highly loaded diesel engines in trucks, buses, and heavy equipment. Compatible with exhaust aftertreatment systems (EGR/SCR, DOC, DPF).



ORLEN OIL **ULTOR**
PLUS 15W-40

Quality **API CI-4, CH-4, CG-4, SL, SJ ACEA E7, E5, E3** Viscosity **SAE 15W-40**

Approvals
DTFR 15B110, Volvo VDS-3, Mack EO-N, EOM Plus, Renault RLD/RLD-2, This product meets Cummins® Eng.Std. CES20078, TEDOM 258-3

Meets the requirements of
Cummins CES 20076/77, DAF, Iveco, DDC 93K215, MAN M3275-1, Scania, Caterpillar ECF-2, ECF-1a, AVIA - engine type: 712, D407, D421.76, D421.85, MTU TYPE 2, Deutz DQC-III-10



Containing the NEO GUARD formula, a mineral oil for diesel engines with SCR or EGR systems, with maximally extended drain intervals, meeting Euro V and Euro IV emission standards. Thanks to perfectly selected base oils and additives, it ensures perfect engine lubrication in the most difficult operating conditions, allowing you to achieve full power in all driving conditions.



ORLEN OIL **ULTOR**
CH-4 15W-40

Quality **API CH-4, CG-4, SL, ACEA E7, E5, E3** Viscosity **SAE 15W-40**

Approvals
DTFR 15B110, Volvo VDS-3, Mack EO-N/EOM Plus, Renault RLD/RLD-2, TEDOM 258-3

Meets the requirements of
MAN M3275-1, Cummins CES 20076/77/78, DAF, Iveco, DDC 93K215, Scania, Caterpillar ECF-2, ECF-1a, TATRA TDS 30/12, AVIA - engine type: 712, D407, D421.76, D421.85, Deutz DQC-III-10, MTU TYPE 2



Containing the NEO GUARD formula, a mineral oil for highly loaded diesel engines, particularly in trucks, buses, and heavy equipment, meeting Euro IV, III, II, I emission standards. A special oil composition ensures excellent wear protection and long drain intervals.



ORLEN OIL **ULTOR**
CG-4 15W-40

Quality **API CG-4, SJ, ACEA E7** Viscosity **SAE 15W-40**

Approvals
TEDOM 258-3

Meets the requirements of
Mercedes-Benz 228.1, Volvo VDS-2, MACK EO-N, Renault RLD-2, Deutz DQC-II-10, MTU TYPE 1, DAF, Caterpillar ECF-1a, AVIA - engine type: 712, D407, D421.76, D421.85



Containing the NEO GUARD formula, a mineral SHPDO oil for highly loaded diesel engines, particularly in trucks, buses, and agricultural and construction machinery. It has excellent anti-wear and anti-corrosion properties, extends service life, and prevents piston ring sticking.



ORLEN OIL **ULTOR**
DIESEL 15W-40

Quality **API CG-4, CF-4, CF, SJ, ACEA E2** Viscosity **SAE 15W-40**

Meets the requirements of
Mercedes-Benz 228.1, MAN 271, Volvo VDS, MTU Category 1

Oil designed for high mileage diesel engines operating at low and high loads. The unique formulation of performance chemicals guarantees the following: protection of the engine's components already during start-up, great lubricant properties in various conditions, maintaining high quality throughout utilization in between replacements. Suitable for use in engines meeting the Euro II requirements.



ORLEN OIL **ULTOR**
DIESEL 15W-50

Quality **API CG-4, CF-4, CF** Viscosity **SAE 15W-50**

Meets the requirements of
Mercedes-Benz 228.1, MAN 271

Oil for high mileage low performance and high-performance Diesel engines. The unique formulation of performance chemicals guarantees the following: protection of the engine's components already during start-up, great lubricant properties in various conditions, maintaining high quality throughout utilization in between replacements. Suitable for use in engines meeting the Euro II requirements.



ORLEN OIL **ULTOR**
DIESEL 20W-50

Quality **API CG-4, CF, ACEA E2** Viscosity **SAE 20W-50**

Meets the requirements of
Mercedes-Benz 228.1, MAN 271, Deutz DQC I-02

Oil for high mileage low-performance and high-performance Diesel engines. The unique formulation of performance chemicals guarantees the following: protection of the engine's components already during start-up, great lubricant properties in various conditions, maintaining high quality throughout utilization in between replacements. Suitable for use in engines meeting the Euro II requirements.



ORLEN OIL **ULTOR**
CI-4 20W-50

Quality **API CI-4** Viscosity **SAE 20W-50**

Mineral motor oil designed for use in trucks. Recommended primarily for vehicle engines that meet the Euro III and earlier emission standards Drain in accordance with the vehicle's manual.



Other oils for trucks

Product name	Quality	Viscosity	Meets the requirements of
ORLEN OIL DIESEL FLEET 10W-40	API CI-4/CH-4/CG-4/CF-4, SL	SAE 10W-40	DTFR 15B110, MB 229.1, MAN 3275-1, MTU TYPE 2, Volvo VDS-3, Renault RLD/RLD-2, CAT ECF-2/ECF 1a, Global DHD-1, DEUTZ III-10
ORLEN OIL DIESEL 2 HPDO CG-4 15W-40	API CG-4 ACEA E2, E3	SAE 15W-40	Mercedes-Benz 228.1, MAN 271, ZETOR Proxima, Proxima Plus, Proxima Power, Forterra, Deutz DQC II-10, VDS
ORLEN OIL DIESEL 2 HPDO CG-4 20W-50	API CG-4, CF ACEA E2	SAE 20W-50	Mercedes-Benz 228.1, MAN 271, ZETOR Proxima, Proxima Plus, Proxima Power, Deutz DQC I-02
ORLEN OIL STANDARD CE/SF 15W-40	API CE/SF	SAE 15W-40	
ORLEN OIL DIESEL CF-4 15W-40	API CF-4	SAE 15W-40	
ORLEN OIL DIESEL CF-4 20W-50	API CF-4	SAE 20W-50	



- Approval **SCANIA LDF-5**
- Meets the requirements of **MAN M3977**
- Reduces fuel consumption thanks to low **HTHS**
- Designed for engines conforming to the **EURO 6** standard



ORLEN OIL
ULTOR
EFFECTIVE

Modern engine oil for trucks

SUBSTITUTION TABLE

ORLEN OIL	CASTROL	TOTAL ENERGIES
ORLEN OIL ULTOR EFFECTIVE 5W-20	Vecton Long Drain 5W-20 SLD5	Rubia Optima 5100 XFE 5W-20
ORLEN OIL ULTOR FUEL ECONOMY 5W-30	Vecton Long Drain 5W-30 FA-4/F01	Rubia Optima 4100 XFE 5W-30 Rubia Optima 2600 XFE 5W-30
ORLEN OIL ULTOR PERFECT 5W-30	Vecton Long Drain 5W-30 E6/E9 Vecton Long Drain 5W-30 E8/E11	Rubia Optima 3500 FE 5W-30
ORLEN OIL ULTOR MAXIMO 5W-30	Vecton Fuel Saver 5W-30 E7	Rubia TIR 9200 FE 5W-30
ORLEN OIL ULTOR MAX 5W-40	-	-
ORLEN OIL ULTOR OPTIMO 10W-30	Vecton Long Drain 10W-30 E6/E9	Rubia Optima 1100 FE 10W-30 Rubia TIR 7900 FE 10W-30
ORLEN OIL ULTOR SCANDIV 10W-40	Vecton Long Drain 10W-40 E7 Vecton Plus 10W-40 E7	Rubia TIR 8600 10W-40
ORLEN OIL ULTOR COMPLETE 10W-40	Vecton Long Drain 10W-40 E6/E9	Rubia Optima 3100 10W-40 Rubia TIR 8900 10W-40
ORLEN OIL ULTOR PROGRESS 10W-40	Vecton Plus 10W-40 CK-4/E11	Rubia Optima 3100 10W-40
ORLEN OIL ULTOR EXTREME 10W-40	CRB Turbomax 10W-40 E4/E7	Rubia TIR 7400 10W-40 Rubia Polytrafic 10W-40
ORLEN OIL ULTOR MASTER 10W-40	-	-
ORLEN OIL ULTOR FUTURO 15W-40	Vecton 15W-40 CK-4/E9 Vecton Plus 15W-40 CK-4/E11	Rubia Works 4000 15W-40
ORLEN OIL ULTOR PLUS 15W-40	CRB Multi 15W-40 CI-4/E7 Multi 15W-40 CV1	Rubia TIR 7400 15W-40
ORLEN OIL ULTOR CH-4 15W-40	-	Rubia TIR 6400 15W-40
ORLEN OIL ULTOR CG-4 15W-40	-	-
ORLEN OIL ULTOR DIESEL 15W-40	-	Rubia 4400 15W-40
ORLEN OIL ULTOR DIESEL 15W-50	-	-
ORLEN OIL ULTOR DIESEL 20W-50	-	Rubia XT 20W-50

MOBIL	SHELL	FUCHS	ELF
Delvac Modern™ 5W-20 Advanced Protection	Rimula R7 Plus AM 5W-20	Titan Cargo PRO T 5W20	-
Delvac Modern 5W-30 Fuel Efficient Plus V1 Delvac XHP ESP 5W-30	Rimula R7 AX 5W-30	Titan Cargo Flex A-4 5W-30 Titan Cargo PRO 228.61 5W-30	-
Delvac 1™ LE 5W-30 Delvac ULTRA 5W-30 Ultimate Protection V2	Rimula R6 LME Plus	Titan Cargo MAXX II 5W-30 Titan Cargo FLEX K-4 5W-30	-
Delvac XHP Ultra 5W-30	Rimula R6 ME 5W-30	Titan Cargo SL 5W-30	Performance Experty FE 5W-30
Delvac 1 ESP 5W-40	-	Titan Cargo 5W-40	-
Delvac Modern™10W-30 Full Protection	Rimula R5 LE 10W-30	Titan Cargo 10W-30	Performance Harmony FE 10W-30
Delvac XHP™ Extra 10W-40	Rimula R6 MS 10W-40	Titan Cargo LD3 10W-40 Titan Cargo LD3 EVO 10W-40	Performance Experty 10W-40
Delvac XHP ESP 10W-40	Rimula R5 LE 10W-40	Titan Cargo MAXX II 10W-40	-
Delvac Modern 10W-40 Advanced Protection	Rimula R6 LM 10W-40	Titan Cargo MAXX II 10W-40	Performance Experty LSX 10W-40
Delvac MX Extra 10W-40 Delvac Modern 10W-40 Super Defense	Rimula R5 E 10W-40	Titan Cargo MC 10W-40	Performance Polytrafic 10W-40 Performance Experty HDX 10W-40
-	-	Titan Unimax Plus MC 10W-40	-
Delvac Modern 15W-40 Full Protection (Delvac MX™ ESP 15W-40)	Rimula R4 L 15W-40	Titan Cargo 15W-40	Performance Harmony 15W-40
Delvac Modern 15W-40 Super Defense V4 (Delvac MX™ 15W-40)	Rimula R4 X 15W-40	Titan Truck Plus 15W-40	Performance Victory 15W-40
Delvac Legend 15W-40 Heavy Duty	-	Titan Truck 15W-40	Performance Trophy DX 15W-40 Performance Victory SC 15W-40
-	-	Titan Trans HD 15W-40	Perfo 3F 15W-40 Performance Super D 15W-40
-	Rimula R2 Extra 15W-40	Titan Trans HD 15W-40	Perfo 3F 15W-40 Performance Super D 15W-40
-	-	Titan Trans HD 15W-50	Perfo HDX 300 15W-50
-	Rimula R2 Extra 20W-50	-	Perfo HDX 300 20W-50

Replacement products were selected based on catalog data declared by their manufacturers, including viscosity and quality grades. Due to constant changes in engine oil technology and vehicle manufacturers' specifications, before using a replacement product, it is necessary to carefully check the vehicle manufacturer's recommendations in the owner's manual regarding the required specification/quality and viscosity grades, as well as the properties of the replacement product. Date of verification: 30.07.2026.



ORLEN
OIL

ORLEN OIL Sp. z o.o.
ul. Elbląska 135, 80-718 Gdańsk
☎ +48 12 665 55 00
✉ centrala@orlenoil.pl
🌐 orlenoil.pl | orlenoil.com
🌐 oferta.orlenoil.com