



STEERKRAFT



HEAVY DUTY ENGINE OILS

AVANTGARDE





ALWAYS MOVING FORWARD.

 **LUKOIL**

■ AVANTGARDE

NEW	LUKOIL AVANTGARDE PROFESSIONAL FE 5W-30	
NEW	LUKOIL AVANTGARDE PROFESSIONAL XLE 5W-20	
	LUKOIL AVANTGARDE PROFESSIONAL XLE 5W-30	7
NEW	LUKOIL AVANTGARDE PROFESSIONAL XLE 10W-40	
	LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30	
	LUKOIL AVANTGARDE PROFESSIONAL LE 10W-40	
	LUKOIL AVANTGARDE PROFESSIONAL XLA 10W-30	8
	LUKOIL AVANTGARDE PROFESSIONAL XLA 10W-40	
	LUKOIL AVANTGARDE PROFESSIONAL XLA 15W-40	
	LUKOIL AVANTGARDE PROFESSIONAL LS5 10W-30	9
	LUKOIL AVANTGARDE PROFESSIONAL LS5 10W-40	
	LUKOIL AVANTGARDE PROFESSIONAL 5W-30	
	LUKOIL AVANTGARDE PROFESSIONAL 10W-40	
	LUKOIL AVANTGARDE PROFESSIONAL M6 10W-40	12
	LUKOIL AVANTGARDE PROFESSIONAL M5 10W-40	
	LUKOIL AVANTGARDE ULTRA PLUS 10W-40	
	LUKOIL AVANTGARDE ULTRA 15W-40	
	LUKOIL AVANTGARDE EXTRA 15W-40	13
	LUKOIL AVANTGARDE SAE 10W	
	LUKOIL AVANTGARDE SAE 20W-20	
	LUKOIL AVANTGARDE SAE 30	
	LUKOIL AVANTGARDE SAE 40	14

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 AVANTGARDE 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 AVANTGARDE ENGINE OIL

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

With the expansion of the Vienna production site and the associated strict quality controls, LUKOIL is sending a strong signal for the quality standard of LUKOIL AVANTGARDE. As a home for modern technology enterprises, Austria also guarantees a product that not only meets the strict quality, environmental and ethical standards in Austria but subsequently throughout Europe as well.

LUKOIL AVANTGARDE was specially developed to meet the ever-rising demands on engines and exhaust gas limits. Our Engine Oils are therefore ideally suited for protecting your truck – regardless of the usage and weather conditions.

This makes LUKOIL AVANTGARDE not only the first choice of many OEMs but also workshops as well.



A large white semi-truck is shown from a low angle, driving on a road that stretches into the distance. The sky is filled with dramatic, golden light from a setting or rising sun, creating a strong sense of motion and direction. The truck's wheels and side panels are visible, and the road surface shows motion blur.

**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

ENGINE OILS FOR COMMERCIAL VEHICLES

NEW LUKOIL AVANTGARDE PROFESSIONAL FE 5W-30



Prod. No.: 568387

APPROVALS/SPECIFICATIONS



- The innovative formulation was specially developed for the latest EURO VI emission regulations for commercial vehicle engines from Mercedes-Benz, Volvo, Renault and Cummins
- Excellent protection against oxidation, high temperature deposits, ring plugging and sludge formation contribute to longest possible oil drain intervals (ODI)
- Increases engine efficiency and extends the life of exhaust after-treatment systems such as EGR, SCR & Diesel Particulate Filter (DPF)
- Fast lubrication and excellent pumpability facilitate cold starts and help to protect the engine from wear, especially in the warm-up phase

API FA-4, SN; **Cummins** CES 20087; **Detroit Diesel** DFS 93K223; **Ford** WSS-M2C214-B1; **Mack** EOS-5; **MB** 228.61; **Volvo** VDS-5

NEW LUKOIL AVANTGARDE PROFESSIONAL XLE 5W-20



Prod. No.: 568373

APPROVALS/SPECIFICATIONS

- Synthetic, fuel-efficient high-performance commercial vehicle engine oil for the latest engine generations (EURO VI) with DPF, SCR & EGR systems
- Green colored, synthetic, low ash, high performance oil for latest generation diesel engines
- It ensures excellent protection and maximum fuel efficiency in modern, high-performance, low-emission engines.

Iveco 18-1804 TLV LS ; **MAN** M 3977; **Scania** LDF-5

LUKOIL AVANTGARDE PROFESSIONAL XLE 5W-30



Prod. No.: 568370

APPROVALS/SPECIFICATIONS



- Synthetic, low-ash, high-performance commercial vehicle Engine Oil for the strictest exhaust gas emissions limits
- The innovative formulation was specially developed for commercial vehicle engines with SCR system and particulate filter, according to emissions regulations EURO V & VI. Also usable in EURO 0, I, II, III & IV engines
- Guarantees maximum oil change intervals and rapid lubrication
- Significant reduction of the particle emissions, resulting in longer particulate filter lifespan

ACEA E4, E6, E7, E9; **API** CJ-4, CK-4; **CATERPIL-LAR** ECF-3; **Cummins** CES 20081; **DAF**; **DEUTZ** DQC IV-18 LA; **Iveco** 18-1804 TLS E6; **JASO** DH-2; **Mack** EOS-4.5; **MAN** M 3271-1, M 3477, M 3575, M 3677, M 3777; **MB-Approval** 228.51, 228.52; **Renault** VI RLD-3; **Scania** LA, LDF-4; **Volvo** VDS-4.5



NEW

LUKOIL AVANTGARDE PROFESSIONAL XLE 10W-40



Prod. No.: 568371

APPROVALS/SPECIFICATIONS

- Synthetic, universal applicable, high-performance commercial vehicle engine oil for DPF / SCR systems
- For strictest emission limits, in accordance with the EURO V & VI emission regulations, also applicable in EURO 0, I, II, III & IV engines according to manufacturers' instructions
- Used by leading OEMs (MAN, Mercedes-Benz, MTU, Iveco, etc.), also developed for many other vehicles, which require an engine oil according to ACEA E4, E6, E7, E9 in combination with a viscosity grade of SAE 10W-40
- Significant reduction in particle emissions, resulting in a longer service life of the DPF & SCR units

ACEA E4, E6, E7, E9; **API** CI-4, CK-4; **CATERPILLAR** ECF-3; **Cummins** CES 20081; **DAF**; **DEUTZ** DQC IV-10 LA; **Iveco** 18-1809 NG2; **JASO** DH-2; **Mack** EOS-4.5; **MAN** M 3271-1, M 3477, M 3575; **MB-Approval** 228.51, 228.52; **Renault** VI RLD-3; **Scania** LA; **Volvo** VDS-4.5

LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30



Prod. No.: 568359

APPROVALS/SPECIFICATIONS

- Top product for a modern, mixed vehicle fleet
- Synthetic, low-ash, high-performance commercial vehicle Engine Oil for the strictest exhaust gas emissions limits
- The innovative formulation was specially developed for commercial vehicle engines with SCR systems and particulate filter
- Thanks to the low-SAPS additives, enables extremely low exhaust gas emissions for maximum environmental protection
- Guarantees maximum oil change intervals and rapid lubrication
- Also usable for EURO 0 – IV according to manufacturer specification

ACEA E4, E6, E7, E9; **API** CI-4; **CATERPILLAR** ECF-3; **Cummins** CES 20081; **DAF**; **Detroit Diesel** DFS 93K218; **DEUTZ** DQC IV-10 LA; **Ford** WSS-M2C213-A1; **Mack** EO-O PP; **MAN** M 3271-1, M 3477, M 3575, M 3677; **MB-Approval** 228.31, 228.51; **MTU** Oil Category 3.1; **Renault** VI RLD-3; **Scania** LA, LDF-4; **Volvo** VDS-4; **ZF** TE-ML 07D

LUKOIL AVANTGARDE PROFESSIONAL LE 10W-40



Prod. No.: 568368

APPROVALS/SPECIFICATIONS

- Synthetic, low-ash, high-performance commercial vehicle Engine Oil for the strictest exhaust gas emissions limits
- Innovative formulation, specially developed for commercial vehicle engines that satisfy the emissions regulations EURO V & VI and are equipped with EGR/SCR technology and/or particulate filter
- Ensures maximum oil change intervals and rapid lubrication
- For diesel engines operating under harsh conditions
- Also usable for EURO 0 – IV according to manufacturer specification

ACEA E4, E6, E7, E9; **API** CI-4; **CATERPILLAR** ECF-3; **Cummins** CES 20081; **DAF**; **Detroit Diesel** DDC 93K218; **DEUTZ** DQC IV-10 LA; **Iveco** 18-1809 NG2; **JASO** DH-2; **Mack** EO-O PP; **MAN** M 3271-1, M 3477, M 3575; **MB** 228.31, 228.51; **MTU** Oil Category 3.1; **Renault** VI RLD-3; **Scania** LA; **Volvo** VDS-4

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 commercial 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

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

AVANTGARDE

ENGINE OILS FOR COMMERCIAL VEHICLES

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
- 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; **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

- 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 PROFESSIONAL LS5 10W-30



Prod. No.: 568345

APPROVALS/SPECIFICATIONS

- Synthetic, low-ash, high-performance commercial vehicle Engine Oil for the strictest exhaust gas emissions limits
- The innovative formulation was specially developed for commercial vehicle engines with SCR system and particulate filter
- Low exhaust gas emissions guarantee maximum environmental protection
- Excels with extreme oil change intervals, rapid lubrication and the highest lubricating film endurance

ACEA E6, E7, E9; **API** CI-4; **Cummins** CES 20076, CES 20077; **DAF**; **DEUTZ** DQC IV-10 LA; **Mack** EO-N; **MAN** M 3271-1, M 3477; **MB** 228.31, 228.51; **Renault** VI RLD-2; **Volvo** VDS-3

PRODUCT	LUKOIL AVANTGARDE PROFESSIONAL XLE			LUKOIL AVANTGARDE PROFESSIONAL FE	LUKOIL AVANTGARDE PROFESSIONAL LE		LUKOIL AVANTGARDE PROFESSIONAL XLA		
PRODUCT NR	568373	568370	568371	568387	568359	568368	568380	568381	568382
SAE	5W-20	5W-30	10W-40	5W-30	5W-30	10W-40	10W-30	10W-40	15W-40
ACEA	-	E4, E6 E7, E9	E4, E6 E7, E9	-	E4, E6 E7, E9	E4, E6 E7, E9	E7, E9	E7, E9	E7, E9
API	-	CK-4 CJ-4	CK-4 CJ-4	FA-4 SN	CJ-4	CJ-4	CK-4 SN	CK-4 SN	CK-4 SN
CAT	-	ECF-3	ECF-3	-	ECF-3	ECF-3	ECF-3 ECF-2 ECF-1-a	ECF-3 ECF-2 ECF-1-a	ECF-3 ECF-2 ECF-1-a
CUMMINS	-	CES 20081	CES 20081	CES 20087	CES 20081	CES 20081	CES20086	CES 20086	CES 20086
DAF	-	DAF	DAF	-	DAF	DAF	-	-	-
DETROIT DIESEL	-	-	-	DFS 93K223	DFS 93K218	DDC 93K218	DFS 93K222	DFS 93K222	DFS 93K222
DEUTZ	-	DQC IV-18 LA	DQC IV-10 LA	-	DQC IV-10 LA	DQC IV-10 LA	DQC III-10 LA	DQC III-10 LA	DQC III-10 LA
FORD	-	-	-	M2C214-B1	M2C213-A1	-	M2C171-F1	M2C171-F1	M2C171-F1
GLOBAL	-	-	-	-	-	-	DHD-1	DHD-1	DHD-1
IVECO	18-1804 TLV LS	18-804 TLS E6	18-1809 NG2	-	-	18-1809 NG2	-	18-1804 TLS E9	18-1804 TLS E9
JASO	-	DH-2	DH-2	-	-	DH-2	DH-2	DH-2	DH-2
MACK	-	EOS-4.5	EOS-4.5	EOS-5	EO-O PP	EO-O PP	EOS-4.5	EOS-4.5	EOS-4.5
MAN	M 3977	M 3777, M 3677 M 3575, M 3477 M 3271-1	M 3477 M 3575 M 3271-1	-	M 3677, M 3575 M 3477 M 3271-1	M 3477 M 3575 M 3271-1	M 3775	M 3775	M 3775
MERCEDES-BENZ	-	228.52 228.51	228.52 228.51	228.61	228.51 228.31	228.51 228.31	228.31	228.31	228.31
MTU	-	-	-	-	Oil Category 3.1	Oil Category 3.1	-	-	-
RENAULT	-	VI RLD-3	VI RLD-3	-	VI RLD-3	VI RLD-3	VI RLD-3	VI RLD-3	VI RLD-3
SCANIA	LDF-5	LDF-4 LA	LA	-	LDF-4 LA	LA	-	-	-
VOLVO	-	VDS-4.5	VDS-4.5	VDS-5	VDS-4	VDS-4	VDS-4.5	VDS-4.5	VDS-4.5
ZF TE-ML	-	-	-	-	07D	-	-	-	-

	LUKOIL AVANTGARDE PROFESSIONAL MLE	LUKOIL AVANTGARDE PROFESSIONAL LS5	LUKOIL AVANTGARDE PROFESSIONAL	LUKOIL AVANTGARDE PROFESSIONAL M6	LUKOIL AVANTGARDE PROFESSIONAL M5	LUKOIL AVANTGARDE ULTRA PLUS	LUKOIL AVANTGARDE ULTRA	LUKOIL AVANTGARDE EXTRA		
58382	568385	568345	568366	568374	568351	578375	568363	567820	568321	567915
5W-40	5W-30	10W-30	10W-40	5W-30	10W-40	10W-40	10W-40	10W-40	15W-40	15W-40
E7, E9	E4, E6 E7, E9	E6, E7, E9	E6, E7, E9	E4, E7	E4, E7	E4, E7	E4, E7	E7	E7	-
CK-4 SN	CI-4	CI-4	CI-4	-	CI-4	CI-4	CI-4	CI-4 SL	CI-4 SL	CH-4 CG-4
ECF-3 ECF-2 ECF-1-a	-	-	-	-	-	ECF-2	-	ECF-2 ECF-1-a	ECF-2 ECF-1-a	-
S 20086	CES 20081	CES 20077 CES 20076	CES 20077 CES 20076	CES 20077	CES 20072	CES 20078	CES 20078	CES 20078 CES 20077 CES 20076	CES 20078, 20077 CES 20076, 20072 CES 20071	CES 20076
-	-	DAF	-	DAF	DAF HP 2	DAF HP 2	-	-	DAF	-
93K222	-	-	-	-	-	DDC 93K215	-	-	DFS 93K215	-
III-10 LA	DQC IV-10 LA	DQC IV-10 LA	DQC IV-10 LA	DQC IV-10	DQC III-10	DQC IV-10	DQC III-10	DQC III-10	DQC III-10	DQC II
C171-F1	-	-	-	M2C212-A1	-	-	-	-	-	-
DHD-1	-	-	-	-	-	DHD-1	-	DHD-1	-	-
-	-	-	-	18-1804 TFE	18-1804 T3 E4	-	-	-	-	-
DH-2	DH-2	-	-	-	-	DH-1	-	-	-	-
DS-4.5	EO-O PP	EO-N	EO-N	EO-N	EO-M Plus EO-N	EO-M Plus EO-N	-	EO-M Plus EO-N	EO-M Plus EO-N	EO-M
3775	M 3677 M 3477 M 3271-1	M 3477 M 3271-1	M 3477 M 3271-1	M 3277	M 3277	M 3377 M 3277	M 3277	M 3275-1	M 3275-1	M 271
228.31	228.51	228.51 228.31	228.51 228.31	228.5	228.5	228.5	228.5	228.3	228.3	-
-	Oil Category 3.1	-	-	-	-	-	-	-	-	-
RLD-4	VI RLD-3	VI RLD-2	VI RLD-2	VI RLD-2 VI RLD VI RXD	VI RLD-2 VI RXD	VI RLD-2 VI RXD	-	VI RLD-2 VI RLD	VI RLD-2	VI RLD
-	LDF-4	-	-	LDF-3	LDF-3	-	-	-	-	-
DS-4.5	VDS-4	VDS-3	VDS-3	VDS-3	VDS-3	VDS-3	-	VDS-3	VDS-3	VDS-2
-	-	-	-	-	04C	-	03A, 05K 07D, 21K	03A, 05K 07D, 21K	03A, 04P, 07D	03A, 04P, 07D

LUKOIL AVANTGARDE PROFESSIONAL LS5 10W-40



Prod. No.: 568366

APPROVALS/SPECIFICATIONS

- Synthetic, low-ash, high-performance commercial vehicle Engine Oil for the strictest exhaust gas emissions limits for commercial vehicle engines with SCR system and particulate filter
- Excels as the top commercial vehicle oil for engines with modern exhaust gas treatment systems and the longest oil change intervals
- Ensures low exhaust gas emissions and maximum environmental protection

ACEA E6, E7, E9; **API** CI-4; **Cummins** CES 20076, CES 20077; **DEUTZ** DQC IV-10 LA; **Mack** EO-N; **MAN** M 3271-1, M 3477; **MB** 228.31, 228.51; **Renault** VI RLD-2; **Volvo** VDS-3

LUKOIL AVANTGARDE PROFESSIONAL 5W-30



Prod. No.: 568374

APPROVALS/SPECIFICATIONS



- Synthetic ultra-high-performance diesel Engine Oil (SUHPD) for maximum performance requirements
- For modern, low-emission commercial vehicle diesel engines and the longest oil change intervals
- Exceptional fuel efficiency properties
- Reduces fuel consumption in all high-performance commercial vehicle diesel engines

ACEA E4, E7; **Cummins** CES 20077; **DAF**; **DEUTZ** DQC IV-10; **Ford** WSS-M2C212-A1; **Iveco** 18-1804 TFE; **Mack** EO-N; **MAN** M 3277; **MB-Approval** 228.5; **Renault** RXD; **Renault** VI RLD, RLD-2; **Scania** LDF-3; **Volvo** VDS-3

LUKOIL AVANTGARDE PROFESSIONAL 10W-40



Prod. No.: 568351

APPROVALS/SPECIFICATIONS



- Synthetic ultra-high-performance diesel Engine Oil
- Specially for modern, low-emission commercial vehicle diesel engines (also SCR)
- Maximum Engine cleanliness and long oil change intervals
- Offers high wearing protection and lifespan

ACEA E4, E7; **API** CI-4; **Cummins** CES 20072; **DAF**, HP 2; **DEUTZ** DQC III-10; **Iveco** 18-1804 T3 E4; **Mack** EO-M Plus, EO-N; **MAN** M 3277; **MB-Approval** 228.5; **Renault** RXD; **Renault** VI RLD-2; **Scania** LDF-3; **Volvo** VDS-3; **ZF** TE-ML 04C

LUKOIL AVANTGARDE PROFESSIONAL M6 10W-40



Prod. No.: 568375

APPROVALS/SPECIFICATIONS

- Synthetic ultra-high-performance diesel Engine Oil (SUHPD) for maximum performance requirements
- Specially developed for modern, low-emission commercial vehicle diesel engines and the longest oil change intervals
- Excellently suited for MAN commercial vehicles
- Guarantees high wear protection and long engine lifespan

ACEA E4, E7; **API** CI-4; **CATERPILLAR** ECF-2; **Cummins** CES 20078; **DAF** HP 2; **Detroit Diesel** DDC 93K215; **DEUTZ** DQC IV-10; **GLOBAL** DHD-1; **JASO** DH-1; **Mack** EO-M Plus, EO-N; **MAN** M 3277, M 3377; **MB-Approval** 228.5; **Renault** RXD; **Renault** VI RLD-2; **Volvo** VDS-3

AVANTGARDE

ENGINE OILS FOR COMMERCIAL VEHICLES

LUKOIL AVANTGARDE PROFESSIONAL M5 10W-40



Prod. No.: 568363

APPROVALS/SPECIFICATIONS

- Synthetic ultra-high-performance oil for MAN, Mercedes-Benz and MTU commercial vehicle engines
- For diesel engines operating under harsh conditions
- For vehicles without particulate filters and with turbocharged engines

ACEA E4, E7; **API** CI-4; **Cummins** CES 20078; **DEUTZ** DQC III-10; **MAN** M 3277; **MB** 228.5; **ZF** TE-ML 03A, 05K, 07D, 21K

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 commercial 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

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 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 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 SAE 40



Prod. No.: 567542

APPROVALS/SPECIFICATIONS

ACEA E2; API CF, SF; MAN M 270; MB 228.0; ZF TE-ML 04A, 04B

- LUKOIL AVANTGARDE is a mineral, single-grade Engine Oil for diverse applications.
- Suitable for various engines, such as commercial 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.

**YOU HAVE
A TRUCK,
WE HAVE
THE
BEST
LUBRICANTS.**



AVANTGARDE MOTOR OIL



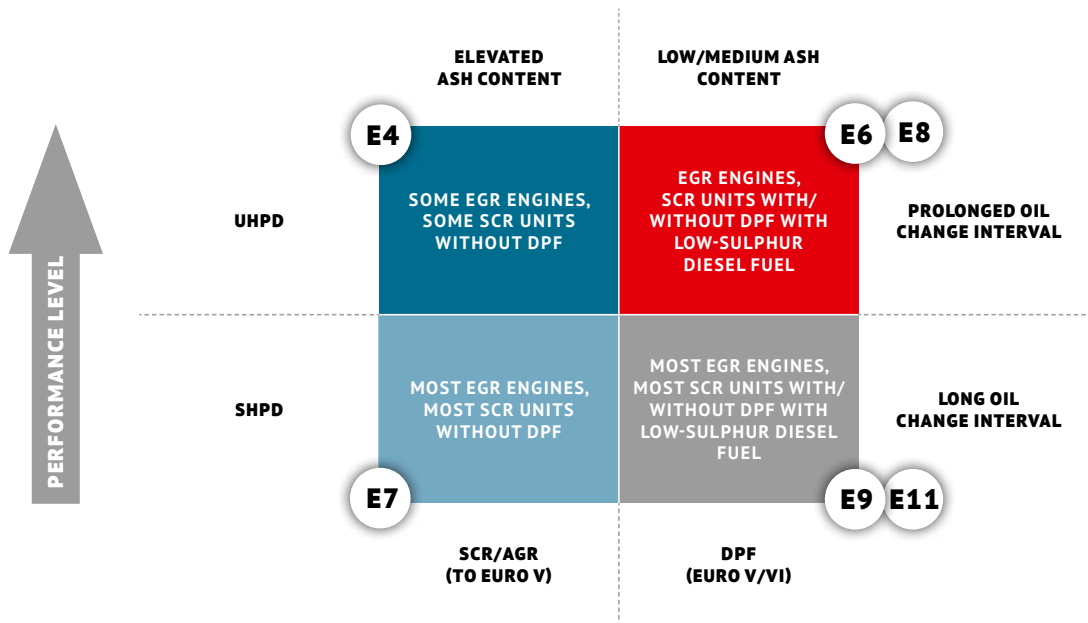
PACKAGING INFORMATION

PACKAGING	TARE BOX (KG)	TARE CONTAINER (KG)	WIDTH (MM)	HEIGHT (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	-	-	-	-

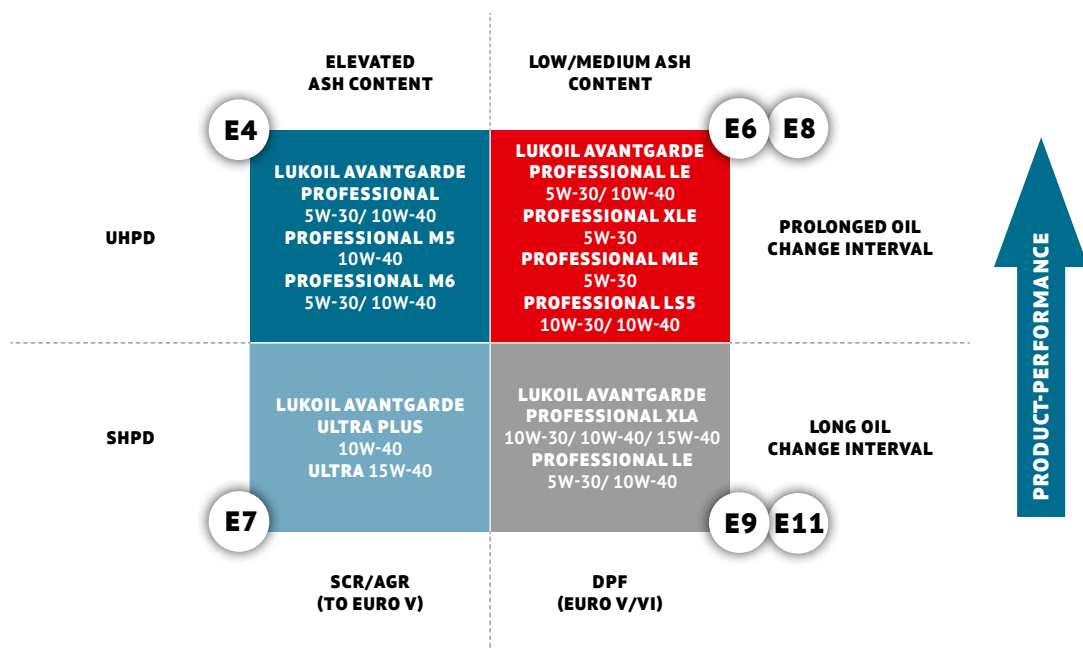


ACEA SPECIFICATIONS OVERVIEW

COMMERCIAL VEHICLES



TOP RANGE



UHPD: Ultra High Performance Diesel engine oil

EGR: Exhaust Gas Recirculation

SHPD: Super High Performance Diesel engine oil

SCR: Selective Catalytic Reduction with AdBlue to reduce NOx emissions

DPF: Diesel Particulate Filter to reduce particle emissions

LUKOIL
IN MY HEART



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