

LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30

Synthetic, low-SAPS Super Ultra High Performance-Motor Oil (SUHPD) for modern truck engines

APPROVALS

API CJ-4
Deutz DQC IV-10 LA
MAN M 3477
MAN M 3575
MAN M 3271-1
MAN M 3677
Renault VI RLD-3
MACK EO-O Premium Plus
MB-Approval 228.31
MB-Approval 228.51
Scania LA
Volvo VDS-4
MTU Oil Category 3.1

MEETS REQUIREMENTS

ACEA E4/E6/E7/E9
Cummins CES 20081
MTU Oil Category 2.1
Caterpillar ECF-3

PRODUCT DESCRIPTION

LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30 is a low-SAPS (sulphated ash, phosphorus & sulphur), synthetic Super Ultra High Performance-Diesel Motor Oil (SUHPD) for modern truck engines, especially for vehicles with Diesel Particulate Filter (DPF) and/or EGR/SCR technology.

Due to highest quality synthetic base oils in combination with an advanced low-ash additive package **LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30** allows longest oil drain intervals. It reduces particulate emissions significantly and thus protects your DPF.

Through its low-SAPS formulation **LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30** guarantees extreme low exhaust gas emissions and therefore maximum ecology, protects your DPF and is specially formulated for sulphur free Diesel fuel, whereby up to 4% reduction in fuel consumption compared to SAE 15W-40 oil is possible.

LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30 provides maximum oil drain interval, according to OEM specifications. Its viscosity SAE 5W-30 „stays in grade“ over entire oil drain interval and provides so effective all-year use over a wide temperature range and optimum lubricating also at low temperatures, like in winter.

APPLICATION

LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30 is intended for use in heavy-loaded diesel engines of modern commercial vehicles and special machinery of leading OEMs (MAN, Mercedes-Benz, Scania, Volvo, MTU, Deutz, Cummins etc.). This includes turbo-charged engines, equipped with Exhaust Gas Recirculation (EGR) and Selective Catalyst Reduction (SCR) units and is recommended for use of ultra-low sulfur diesel (ULSD).

Recommended drain intervals are given in OEM maintenance manuals.

LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30 should not be mixed with other conventional engine oils, especially in vehicles with DPF because of its advanced, low SAPS additive package. Remaining rests of used oil when draining the engine is harmless.

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* This document supersedes all previous versions

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member of:



TYPICAL TEST DATA

PROPERTY	Units	Test methods	LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30
Density/15°C	kg/m ³	DIN 51575	853
Flash point COC	°C	ISO 2592	>220
Viscosity class	---	SAE J300	5W-30
Viscosity/40°C	mm ² /s	DIN 51562/T1	67,7
Viscosity/100°C	mm ² /s	DIN 51562/T1	11,95
Viscosity index	---	DIN ISO 2909	175
Total Base Number (TBN)	mg KOH / 1 g	ASTM D2896	13,0
Cold Cranking Viscosity at -30°C, CCS	mPa*s	ASTM D5293	4663
Pour point	°C	DIN ISO 3016	< -45

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International"