LUKOIL LUBRICANTS COMPANY
LLK-International

LUKOIL AVANTGARDE PROFESSIONAL LE 5W-30

High quality multigrade Low-SAPS engine oil

Specifications

- API CJ-4
- MAN M 3677
- Deutz DQC IV-10 LA
- Mack EO-O PP
- Scania LDF-4/LA
- MAN 3477/3575/3271-1
- Cummins CES 20081
- ZF TE-ML 07D
- Ford WSS-M2C213-A1
- DAF
- MB 228.51/228.31
- MTU Oil Category 3.1
- VOLVO VDS-4
- Renault VI RLD-3
- ACEA E4/E6/E7/E9
- MTU Oil Category 2.1
- Caterpillar ECF-3
- Detroit Diesel DFS 93K218
- IVECO 18-1804 Classe TLS E6
- PJSC «Avtodizel» (YMZ)

Product description

High performance engine oil for use in high-speed heavy duty diesel engines, including engines with DPF. Thanks to well-balanced technology «Low Emissions», which combines high Total Base Number with low sulphated ash level, meets the requirements of all four European heavy duty diesel engine oil specifications.

Application

It is designed for use in the latest heavy duty diesel engines of world's leading manufacturers (MAN, Mercedes-Benz, Scania, Volvo, MTU, Deutz, Cummins, etc.), including engines equipped with turbocharges, Exhaust Gas Recirculation (EGR) systems and Selective Catalytic Reduction (SCR) systems. Provides extended drain intervals and can be used in engines fueled by ULSD (Ultra Low Sulphur Diesel).

Benefits

OXIDATION RESISTANCE
High thermal and oxidation stability
ENGINE CLEANLINESS
Great dispersant and detergent properties prevent deposites formation on engine parts
EASY START
Excellent low-temperature pumpability
COMPATIBILITY WITH AFTERTREATMENT SYSTEM
Extends the life of aftertreatment system components

Typical test data

The information given in the typical data does not constitute a specification and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO «LLK-International»

Property	Test methods	Value
Kinematic viscosity at 100 °C, mm2/s	ASTM D445	12.23
Viscosity index	ASTM D2270	166
Dynamic viscosity (CCS) at -30°C, mPa· s	ASTM D5293 / GOST R 52559	5,400
Total Base Number, mg KOH/1 g oil	ASTM D2896	12.9
Sulphated ash, %	ASTM D874	0.94
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	11.6
Pour Point, °C	ASTM D97	–38

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