LUKOIL LUBRICANTS COMPANY
LLK-International

LUKOIL AVANTGARDE PROFESSIONAL XLA 10W-30

High-quality multigrade "Mid-SAPS" diesel engine oil

Specifications

- API CK-4
- VOLVO VDS-4.5
- Mack EOS-4.5
- Cummins CES 20086
- MTU Oil Category 2.1
- Deutz DQC III-18 LA
- MB 228.31
- Renault VI RLD-3
- ACEA E9
- Detroit Diesel DFS 93K222
- Caterpillar ECF-3
- MAN M 3775

Product description

Multigrade semi-synthetic engine oil of API CK-4 performance level. The oil is formulated with high-quality base stocks and the robust high-performance additive package.

Application

It is developed for use in high-speed heavy-duty diesel engines of line-haul trucks and off-road vehicles that meet modern requirements for emissions of toxic substances (EPA Tier-4) and greenhouse gases (GHG). It is recommended for use in engines running on fuel with sulfur content up to 500 ppm. However, the use of this oil with greater than 15 ppm sulfur fuel may impact exhaust aftertreatment system durability and/or drain oil interval.

Benefits

OXIDATION RESISTANCE
Improved oxidation and anti-wear performance comparing to API CJ-4 technology
COMPATIBILITY WITH AFTERTREATMENT SYSTEM
To increases service life of aftertreatment devices due to low ash
ADVANCED FUEL ECONOMY
Provides good fuel economy and CO2 emission reduction
REPLACES PREVIOUS API SPECIFICATIONS
Backwards compatible with previous API categories

The product name in an order: Engine oil LUKOIL AVANTGARDE PROFESSIONAL XLA 10W-30, STO 00044434-017-2010

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
Density at 15 °C, kg/m3	ASTM D1298 / ASTM D4052	864
Kinematic viscosity at 100 °C, mm2/s	ASTM D445	11.9
Viscosity index	ASTM D2270	141
Dynamic viscosity (CCS) at -25°C, mPa· s	ASTM D5293 / GOST R 52559	5,925
Flash Point, COC, °C	ASTM D92	235
Total Base Number, mg KOH/1 g oil	ASTM D2896	9.2
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	8.5
Sulphated ash, %	ASTM D874	0.97
Pour Point, °C	GOST 20287 B	–36

75, Sadovnicheskaya str.,
Moscow, Russia, 115035
www.lukoil-masla.ru
Tel.: (495) 627-40-20
Fax.: (495) 981-76-84