

LUKOIL AVANTGARDE PROFESSIONAL XLA 15W-40

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

Approvals

- API CK-4
- API SN
- MB-Approval 228.31
- VOLVO VDS-4.5
- Renault VI RLD-3
- Mack EOS-4.5

Meets requirements

- ACEA E9
- Cummins CES 20086
- Detroit Diesel DFS 93K222
- MTU Oil Category 2.1
- Caterpillar ECF-3
- Deutz DQC III-18 LA
- MAN M 3775

Product description

Multigrade engine oil of API CK-4 performance level. It is formulated with high-quality base stocks blended with 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

Extends the life of aftertreatment system components

EXCELLENT CLEANLINESS

Prevents the formation of high and low temperature deposits on engine components

REPLACES PREVIOUS API SPECIFICATIONS

Backwards compatible with previous API categories

The product name in an order: Motor oil LUKOIL AVANTGARDE PROFESSIONAL XLA 15W-40, STO 0004434-017-2010

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 20 °C, kg/m ³	ASTM D4052	860.2
Viscosity index	ASTM D2270	150
Dynamic viscosity (CCS) at -20°C, mPa·s	ASTM D5293 / GOST R 52559	3,457
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	108
Flash Point, COC, °C	ASTM D92	234
Total Base Number, mg KOH/1 g oil	ASTM D2896	9.7
Pour Point, °C	ASTM D97	-38
Sulphated ash, %	ASTM D874	0.99