

LUKOIL AVANTGARDE ULTRA 15W-40

Multigrade engine oil for heavy-duty diesel engines

Specifications

- API CI-4/SL
- MTU Oil Category 2
- VOLVO VDS-3
- Renault VI RLD-2
- PJSC «Avtodizel» (YMZ)
- ACEA E7
- MAN M 3275-1
- Cummins CES 20078
- MB 228.3
- Mack EO-N
- Deutz DQC III-18
- PJSC "KAMAZ"
- Caterpillar ECF-2/1a

Product description

High-quality semi-synthetic engine oil for use in heavy-duty diesel engines (both non-charged and turbocharged), operating under severe conditions. It is based on high quality base oils with high-performance additive package, which keeps the engine clean and provides excellent anti-wear and anti-oxidant properties.

Application

It is recommended for use in four-stroke diesel engines of heavy-duty trucks and special equipment (e.g. agricultural, mining and construction equipment). The oil is designed for engines without particulate filters (DPF) and is suitable for use in some engines, equipped with EGR and SCR NOx reduction systems. Can be used where previous API engine oil categories are required (API CH-4, CG-4 and below).

Benefits

ENGINE CLEANLINESS

Improved detergency and dispersancy

MAXIMUM PROTECTION

Excellent protection against wear

OXIDATION RESISTANCE

Excellent resistance to oxidation and corrosion

EASY COLD START

Provides easy cold start at low temperatures

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/m ³	ASTM D1298 / ASTM D4052	862
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	15.1
Viscosity index	ASTM D2270	146
Dynamic viscosity (CCS) at -20°C, mPa·s	ASTM D5293 / GOST R 52559	5,300
Total Base Number, mg KOH/1 g oil	ASTM D2896	11.5
Sulphated ash, %	ASTM D874	1.35
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	6.8
Flash Point, COC, °C	ASTM D92	228
Pour Point, °C	GOST 20287 B	-31