

LUKOIL AVANTGARDE ULTRA 10W-40

Multigrade engine oil for heavy-duty diesel engines

Specifications

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

Product description

High-quality multigrade engine oil for use in heavy-duty diesel engines operating under severe conditions. It is based on synthetic and highly refined mineral base oils with a 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 diesel engines without particulate filters (DPF) and is suitable for use in some engines, equipped with EGR and SCR NO_x reduction systems. Designed for diesel engines up to Euro-5 ecological standard, where API CI-4 performance level is required. It can also be used in gasoline engines for which API SL oils are recommended.

Benefits

ENGINE CLEANLINESS

Improved detergency and dispersancy

MAXIMUM PROTECTION

Excellent protection against wear

OXIDATION RESISTANCE

High oxidation stability

EASY COLD START

Excellent low-temperature properties provide easy cold start

The product name in an order: Engine oil LUKOIL AVANTGARDE ULTRA semi-synthetic SAE 10W-40, API CI-4/SL, STO 00044434-026-2013

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	861
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	14.3
Viscosity index	ASTM D2270	157
Dynamic viscosity (CCS) at -25°C, mPa·s	ASTM D5293 / GOST R 52559	6,350
Sulphated ash, %	ASTM D874	1.3
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	8.6
Flash Point, COC, °C	ASTM D92	236
Pour Point, °C	GOST 20287 B	-44
Total Base Number, mg KOH/1 g oil	ASTM D2896	11.5