IUKOIL

LUKOIL AVANTGARDE ULTRA 5W-40

Multigrade engine oil for heavy-duty diesel engines

Specifications

- API CI-4
- PJSC «Avtodizel» (YMZ)
- Cummins CES 20078
- Mack EO-N
- MB 228.3
- VOLVO VDS-3
- MTU Oil Category 2

Product description

- ACEA E7
- PJSC "KAMAZ"
- Deutz DQC III-10
- MAN M 3275-1
- Renault VI RLD-2
- Caterpillar ECF-2/1-a
- JASO DH-1

High-quality multigrade engine oil for heavy-duty diesel engines (both non-charged and turbocharged), operating under severe conditions. It is formulated with 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 NOx 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 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 5W-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
Kinematic viscosity at 100 °C, mm2/s	ASTM D445	13.9
Density at 20 °C, kg/m3	ASTM D1298 / ASTM D4052	848
Viscosity index	ASTM D2270	172
Dynamic viscosity (CCS) at -30°C, mPa· s	ASTM D5293 / GOST R 52559	5,900
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	9.1
Total Base Number, mg KOH/1 g oil	GOST 11362	11.5
Sulphated ash, %	ASTM D874	1.1
Flash Point, COC, °C	ASTM D92	235
Pour Point, °C	GOST 20287 B	-48

