

LUKOIL AVANTGARDE ULTRA 20W-50

Multigrade engine oil for heavy-duty diesel engines

Specifications

- PJSC «Avtodizel» (YMZ)
- ACEA E7
- MB 228.3
- PJSC "KAMAZ"
- API CI-4/SL
- Cummins CES 20078

Product description

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

Application

Recommended for use in four-stroke diesel engines of heavy-duty trucks and special equipment (e.g. agricultural, mining and construction equipment). It 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 (API CH-4, CG-4 and below).

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: Motor oil LUKOIL AVANTGARDE ULTRA SAE 20W-50, 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 20 °C, kg/m ³	ASTM D1298 / ASTM D4052	871
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	20.0
Viscosity index	ASTM D2270	136
Dynamic viscosity (CCS) at -15°C, mPa·s	ASTM D5293 / GOST R 52559	6,121
Sulphated ash, %	ASTM D874	1.15
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	8.4
Flash Point, COC, °C	ASTM D92	236
Pour Point, °C	GOST 20287 B	-40
Total Base Number, mg KOH/1 g oil	ASTM D2896	11.2