LUKOIL OIL COMPANY

LUKOIL LUBRICANTS COMPANY
LLK-International

LUKOIL AVANTGARDE ULTRA 15W-40

Multigrade engine oil for Heavy Duty diesel engines

Meets Requirements & Specifications

- API CI-4
- Cummins CES 20078
- VOLVO VDS-3
- Mack EO-N, EO-M Plus
- Renault VI RLD-2
- Deutz DQC III-10
- PJSC «Avtodizel» (YMZ)
- PJSC "KAMAZ"
- PJSC «Tutaev Motor Plant»
- ACEA E7
- Cummins CES 20076/77
- Caterpillar ECF-2
- MTU Oil Category 2
- ZF TE-ML 03A/04P/07D
- MAN M 3275-1
- MB-Approval 228.3
- Detroit Diesel DFS 93K215

Product description

High-quality engine oil for use in heavy-duty diesel engines (both non-charged and turbocharged), operating under severe conditions. It is based on high quality mineral 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 D4052	887,5
Kinematic viscosity at 100 °C, mm^2/s	ASTM D445	14,5
Viscosity index	ASTM D2270	137
Apparent viscosity (CCS) at -20 °C, mPa s	ASTM D5293	6,050
Borderline pumping viscosity (MRV) at -25 °C, mPa s	ASTM D4684	26,270
Total base number, mg KOH/g	ASTM D2896	10,2
Flash Point, COC, °C	ASTM D92	236
Pour Point, °C	ASTM D97	-39
Sulphated ash content, %	ASTM D874	1,22
Noack evaporation loss, %	ASTM D5800	10,5

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