

LUKOIL AVANTGARDE PROFESSIONAL LA 10W-30

Mid-SAPS engine oil for diesel engines of commercial vehicles

Approvals

- API CK-4/CI-4+
- VOLVO VDS-4.5
- Renault VI RLD-3
- Mack EOS-4.5

Meets requirements

- ACEA E9
- Cummins CES 20086
- Detroit Diesel DFS 93K222
- MB 228.31
- MTU Oil Category 2.1
- Caterpillar ECF-3
- Deutz DQC III-18 LA
- MAN M 3775

Product description

Universal semi-synthetic heavy-duty diesel engine oil specially formulated to meet ACEA E9, API CK-4 and the world leading manufacturer's specifications. The product have been formulated using highly refined hydrosynthetic base stocks and advanced additive package.

Application

It is recommended for current low emission diesel engines of trucks and buses (including vehicles with turbochargers) equipped with advanced exhaust aftertreatment devices such as diesel particulate filters (DPF), selective catalytic reductions (SCR) increased rates of exhaust gas recirculation (EGR). It is recommended in combination with Ultra Low Sulfur Diesel (ULSD).

Benefits

ENGINE CLEANLINESS

Prevents the formation of high - and low temperature deposits due to the low content of sulfated ash

ENGINE CLEANLINESS

Excellent detergent-dispersant properties

OXIDATION RESISTANCE

Superior oxidation stability

MAXIMUM PROTECTION

Excellent protection against wear

COMPATIBILITY WITH AFTERTREATMENT SYSTEM

Extends the life of aftertreatment system components

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 D4052	859
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	12.0
Viscosity index	ASTM D2270	145
Dynamic viscosity (CCS) at -25°C, mPa·s	ASTM D5293 / GOST R 52559	5,500
Borderline Pumping Viscosity (MRV) at -30 °C, mPa·s	ASTM D4684 / GOST R 52257	22,000
Total Base Number, mg KOH/1 g oil	ASTM D2896	9.1
Sulphated ash, %	ASTM D874	0.99
Flash Point, COC, °C	ASTM D92	238
Pour Point, °C	GOST 20287 B	-39