

# LUKOIL AVANTGARDE PROFESSIONAL LS5 10W-40

Synthetic multigrade low-SAPS engine oil for modern diesel engines

## Specifications

- API CI-4
- ACEA E6/E7
- MTU Oil Category 3.1
- Deutz DQC IV-10 LA
- MAN M 3477/3271-1
- MB 228.51/228.31
- Renault RXD
- DAF
- Mack EO-N
- VOLVO VDS-3
- PJSC "Avtodizel" (YMZ)
- Renault VI RLD-2
- Cummins CES 20077/76
- Renault VI RGD
- JASO DH-2

## Product description

Synthetic multigrade engine oil designed to improve engine reliability of for heavy-duty diesel engines (both non-charged and turbocharged). It is formulated with synthetic base stock and modern "Low-SAPS" additive package with reduced content of sulphated ash, phosphorus and sulfur.

## Application

Recommended for use in a wide range of latest generation heavy-duty diesel engines (both on- and off-road applications). The oil is suitable for use in diesel engines of Euro IV, Euro V emissions standards, equipped with exhaust aftertreatment devices such as diesel particulate filter (DPF), exhaust gas recirculation (EGR) and selective catalytic reduction (SCR).

## Benefits

### ALL SEASONS PROTECTION

High viscosity index and excellent low temperature fluidity

### MAXIMUM PROTECTION

Provides excellent protection against wear in severe operating conditions

### OXIDATION RESISTANCE

Excellent thermal-oxidative stability

The product name in an order: Motor oil LUKOIL AVANTGARDE PROFESSIONAL LS5 SAE 10W-40, STO 79345251-072-2015

## 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 <sup>3</sup>	ASTM D4052	857
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445	15.6
Viscosity index	ASTM D2270	167
Dynamic viscosity (CCS) at -25°C, mPa·s	ASTM D5293 / GOST R 52559	4,814
Total Base Number, mg KOH/1 g oil	ASTM D2896	10.1
Sulphated ash, %	ASTM D874	0.98
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	8.5
Flash Point, COC, °C	ASTM D92	230
Pour Point, °C	GOST 20287 B	-37