

LUKOIL AVANTGARDE PROFESSIONAL M5 10W-40

Multigrade synthetic technology engine oil for heavy-duty diesel engines

Specifications

- API CI-4/SL
- MB 228.5
- Cummins CES 20078
- Renault VI RLD-2
- Caterpillar ECF-2
- Deutz DQC III-18
- ACEA E4/E7
- MAN M 3277
- Mack EO-N
- VOLVO VDS-3
- MTU Oil Category 3
- JASO DH-1

Product description

Multigrade synthetic technology engine oil specially developed to meet the requirements of the world's leading engine manufacturers standards. It is formulated with purified synthetic base oils and high-performance additive package, which provides extended drain interval.

Application

Recommended for modern heavy-duty turbocharged engines of Euro-4 and Euro-5 level, equipped with exhaust gas recirculation (EGR) and selective catalytic reduction (SCR) systems. The oil is not recommended for use in diesel engines with DPFs (Diesel Particulate Filters).

Benefits

ACID PROTECTION

Excellent neutralizing capacity

EASY COLD START

Provides easy cold start at low temperatures

MAXIMUM PROTECTION

Provides excellent protection against wear in severe operating conditions

OXIDATION RESISTANCE

Outstanding thermal and oxidation stability and hence increased drain interval

The product name in an order: Motor oil LUKOIL AVANTGARDE PROFESSIONAL M5 SAE 10W-40, STO 00044434-017-2010

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 D1298 / ASTM D4052	862
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	15.2
Viscosity index	ASTM D2270	152
Dynamic viscosity (CCS) at -25°C, mPa·s	ASTM D5293 / GOST R 52559	6,120
Pour Point, °C	GOST 20287 B	-42
Total Base Number, mg KOH/1 g oil	ASTM D2896	13.5
Sulphated ash, %	ASTM D874	1.46
Flash Point, COC, °C	ASTM D92	230
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	9.9