LUKOIL AVANTGARDE PROFESSIONAL M5 5W-30

Multigrade synthetic technology engine oil for heavy-duty diesel engines

Specifications

- API CI-4/SL
- MB 228.5
- ACEA E4/E7
- VOLVO VDS-3
- Caterpillar ECF-2
- MTU Oil Category 3
- Cummins CES 20088/20078
- JASO DH-1
- Renault VI RLD-2
- Mack EO-N
- MAN M 3277
- Deutz DQC III-18

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

EASY COLD START
Provides easy cold start at low temperatures
ACID PROTECTION
Excellent neutralizing capacity
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 5W-30, 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/m3	ASTM D1298 / ASTM D4052	857
Kinematic viscosity at 100 °C, mm2/s	ASTM D445	11.9
Viscosity index	ASTM D2270	161
Dynamic viscosity (CCS) at -30°C, mPa· s	ASTM D5293 / GOST R 52559	6,040
Total Base Number, mg KOH/1 g oil	ASTM D2896	13.5
Pour Point, °C	GOST 20287 B	−42
Flash Point, COC, °C	ASTM D92	224
Sulphated ash, %	ASTM D874	1.46
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	10.3