

LUKOIL AVANTGARDE PROFESSIONAL M6 10W-40

Fully synthetic engine oil for heavy-duty diesel engines

MEETS REQUIREMENTS

API CI-4; **ACEA** E4; **ACEA** E7; **Mack** EO-N; **Mack** EO-M Plus; **Renault** VI RLD-2; **Renault** RXD; **Detroit Diesel** DDC 93K215; **Global** DHD-1; **MB** 228.5; **MAN** M 3277; **MAN** M 3377; **VOLVO** VDS-3; **MTU** Oil Category 3; **Deutz** DQC IV-10; **Caterpillar** ECF-2; **Cummins** CES 20078

PRODUCT DESCRIPTION

LUKOIL AVANTGARDE PROFESSIONAL M6 10W-40 - multigrade fully synthetic engine oil engineered to provide outstanding lubrication to modern, high performance heavy-duty diesel engines used in severe on- and off-highway applications.

LUKOIL AVANTGARDE PROFESSIONAL M6 10W-40 is designed to provide long oil drain intervals.

APPLICATION

LUKOIL AVANTGARDE PROFESSIONAL M6 10W-40 is recommended for modern heavy duty turbocharged engines,

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

- Great dispersant and detergent properties prevent deposits formation on engine parts
- Provides extended drain interval, which reduces maintenance costs
- Synthetic base oil provides easy cold start-up
- Low oil consumption

The product name in an order:

Engine oil LUKOIL AVANTGARDE PROFESSIONAL M6 10W-40, STO 00044434-017-2010

TYPICAL TEST DATA

PROPERTY	Test methods	LUKOIL AVANTGARDE PROFESSIONAL M6 10W-40
Density at 15 °C, kg/m ³	ASTM D1298 / ASTM D4052	857.3
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	14.31
Viscosity index	ASTM D2270	155
Cold Cranking Viscosity (CCS) at -25 °C, mPa·s	ASTM D5293 / GOST R 52559	4,650
Borderline Pumping Viscosity (MRV) at -30 °C, mPa·s	ASTM D4684 / GOST R 52257	16,832
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	8.2
Total Base Number, mg KOH/1 g oil	ASTM D2896	12.8
Sulphated ash, %	ASTM D874	1.39
Flash Point, COC, °C	ASTM D92	228
Pour Point, °C	GOST 20287 B	-39

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International"