

LUKOIL AVANTGARDE PROFESSIONAL LS SAE 5W-30

Modern «Low SAPS» synthetic heavy-duty diesel engine oil

APPROVALS

API CI-4 licensed
MAN M3477
Volvo VDS-3
Mack EO-N
Deutz DQC IV-10LA
Renault VI RLD-2
MB-Approval 228.51

MEETS REQUIREMENTS

ACEA E6/E7
MAN M3271-1
MTU Category 3.1
Caterpillar ECF-2, ECF-1a
Mack EO-M Plus
Renault RXD, RGD
Volvo CNG

PRODUCT DESCRIPTION

LUKOIL AVANTGARDE PROFESSIONAL LS SAE 5W-30 – synthetic oil for diesel engines meets ACEA E4/E6/E7 and API CI-4 requirements designed according to the manufacturer's recommendations with extended drain intervals. It is intended for use in highly rated modern engines meeting Euro I – Euro V emission requirements in combination with low sulfur diesel fuel.

LUKOIL AVANTGARDE PROFESSIONAL LS SAE 5W-30 – "Low SAPS" oil with low maintenance of sulphated ash, phosphorus

and sulphur is formulated using highly refined synthetic base stocks and advanced additive technology of foreign production.

APPLICATION

LUKOIL AVANTGARDE PROFESSIONAL LS SAE 5W-30 is recommended for highly rated diesel engines running under severe conditions, e.g. significantly extended oil drain intervals according to the manufacturer's recommendations. It is suitable for vehicles with particulate filters (DPF), and for most EGR engines and most engines fitted with SCR NOx reduction systems.

The product name in an order:

Motor oil LUKOIL AVANTGARDE PROFESSIONAL LS synthetic SAE 10W-40, STO 00044434-017-2010

TYPICAL TEST DATA

PROPERTY	Test methods	LUKOIL AVANTGARDE PROFESSIONAL LS SAE 5W-30
Density at 20 °C, kg/m ³	GOST 3900 / ASTM D4052 /	848,7
Kinematic viscosity at 100 °C, mm ² /s	GOST 33 / ASTM D445 / GOST R 53708	11,84
Viscosity index	GOST 25371 / ASTM D2270	169
Cold Cranking Viscosity at -30 °C, CCS, mPa·s	ASTM D5293 / GOST R 52559	5 564
Borderline Pumping Viscosity at -35°C, MRV, mPa·s	ASTM D4684 / GOST R 52257	15 600
Total Base Number, mg KOH/1g oil	GOST 30050 / ASTM D2896	9,5
Total Base Number, mg KOH/1g oil	GOST 11362	7,4
Sulphated ash, %	GOST 12417 / ASTM D874	0,98
Noack evaporation loss, %	ASTM D5800	10,0
Flash Point, COC, °C	GOST 4333 / ASTM D92	230
Pour Point, °C	GOST 20287 B	-44

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".