

LUKOIL AVANTGARDE PROFESSIONAL SAE 5W-30, 10W-40

Modern super heavy-duty diesel engine fully synthetic lubricants

APPROVALS

MB-Approval 228.5
MAN M 3277
MTU Oil Category 3
Volvo VDS-3
Renault VI RLD-2
Mack EO-N
Deutz DQC III-10 (SAE 10W-40)
Deutz DQC IV-10 (SAE 5W-30)
Scania LDF-3
Ford WSS-M2C212-A1 (SAE 5W-30)

MEETS REQUIREMENTS

API CF (SAE 5W-30, 10W-40)
Cummins CES 20072 (SAE 10W-40)
DAF Extended Drain
ACEA E4/E7
IVECO T18-1804 CLASSE T3 E4 (SAE 10W-40)
IVECO T18-1804 TFE (SAE 5W-30)
Renault RLD/RXD
Cummins CES 20077 (SAE 5W-30)
Mack E-OM Plus (SAE 10W-40)
ZF TE-ML 04C (SAE 10W-40)

PRODUCT DESCRIPTION

LUKOIL AVANTGARDE PROFESSIONAL SAE 5W-30, 10W-40 – synthetic engine oil meets ACEA E4/E7 requirements designed for diesel engines running under severe conditions with extended drain intervals according to the manufacturer's recommendations.

LUKOIL AVANTGARDE PROFESSIONAL SAE 5W-30, 10W-40 is designed for highly rated diesel engines meeting Euro I, II, III, IV and Euro V emission requirements.

LUKOIL AVANTGARDE PROFESSIONAL SAE 5W-30, 10W-40 is formulated using highly refined synthetic base stocks and advanced additive technology of foreign production.

APPLICATION

LUKOIL AVANTGARDE PROFESSIONAL SAE 5W-30, 10W-40 is recommended for use in heavy-duty four-stroke engines operating under a variety of conditions. It is suitable for most modern engines fitted with turbochargers, EGR and SCR NOx reduction systems. Oil drain intervals according to the manufacturer's recommendations.

The product name in an order:

Motor oil LUKOIL AVANTGARDE PROFESSIONAL synthetic SAE 5W-30, STO 00044434-017-2010
 Motor oil LUKOIL AVANTGARDE PROFESSIONAL synthetic SAE 10W-40, STO 00044434-017-2010

TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL AVANTGARDE PROFESSIONAL	
		5W-30	10W-40
Density at 20 °C, kg/m ³	GOST 3900 / ASTM D4052	852.4	860.1
Density at 15 °C, kg/m ³	GOST R 51069 / ASTM D4052 / ASTM D1298	856.1	857.4
Kinematic viscosity at 100 °C, mm ² /s	GOST 33 / ASTM D445 / GOST R 53708	12.3	13.9
Viscosity index	GOST 25371 / ASTM D2270	141	165
Cold Cranking Viscosity, CCS	ASTM D5293 / GOST R 52559	5,525 (at -30°C)	4,859 (at -25°C)
Borderline Pumping Viscosity, MRV	ASTM D4684 / GOST R 52257	21,100 (at -35°C)	14,300 (at -30°C)
Total Base Number, mg KOH/1 g oil	GOST 30050 / ASTM D2896	15.62	16.36
Total Base Number, mg KOH/1 g oil	GOST 11362	13.58	14.28
Sulphated ash, %	GOST 12417 / ASTM D874	1.84	1.95
Noack evaporation loss, %	ASTM D5800	10.3	8.2
Flash Point, COC, °C	GOST 4333 / ASTM D92	222	222
Pour Point, °C	GOST 20287 B	-40	-35

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".