

LUKOIL AVANTGARDE ULTRA NP SAE 15W-40

Modern multi-grade motor oil for stationary diesel-generator sets of Nuclear Power Plants

APPROVALS

MTU Category 2

MEETS REQUIREMENTS

API CI-4/SL
ACEA E7
Cummins CES 20078
MB 228.3
MAN M3275-1
Volvo VDS-3
Deutz DQC III-10

PRODUCT DESCRIPTION

LUKOIL AVANTGARDE ULTRA NP SAE 15W-40 is premium-quality mineral multi-grade motor oil specially designed in accordance with MTU company requirements – the largest German producer of propulsion engines.

LUKOIL AVANTGARDE ULTRA NP SAE 15W-40 is manufactured on a modern highly-purified mineral base oils of self-production with involvement of high performance thoroughly balanced additive package of foreign manufacture.

APPLICATION

LUKOIL AVANTGARDE ULTRA NP SAE 15W-40 is recommended for nuclear

power plant stationary emergency generator sets which require modern motor oils responding API CI-4 performance level and MTU Category 2 approval. Also it is recommended for diesel engines of buses, highway engineering and other commercial vehicles, which require API CI-4 performance level and SAE 15W-40 viscosity level.

BENEFITS

- The official MTU approval
- The formula tailored to work in generators
- Improved detergency and dispersancy properties and resistance to oxidation
- The universal product due to usability both in foreign and Russian manufacture diesel-generator sets of various capacities

The product name in an order:

Motor oil LUKOIL AVANTGARDE ULTRA NP SAE 15W-40, API CI-4/SL, STO 00044434-026-2013

ТИПОВЫЕ ПОКАЗАТЕЛИ

PROPERTY	Test method	LUKOIL AVANTGARDE ULTRA NP SAE 15W-40
Density at 15 °C, kg/m ³	ASTM D4052 / ASTM D1298 / GOST R 51069	887
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445 / GOST 33 / GOST R 53708	14.9
Viscosity Index	ASTM D2270 / GOST 25371	134
Cold Cranking Viscosity (CCS) at -20 °C, mPa·s	ASTM D5293 / GOST R 52559	6,820
Borderline pumping viscosity (MRV) at -25 °C, mPa·s	ASTM D4684 / GOST R 52257	34,500
Total base number, mg KOH/1g oil	ASTM D2896 / GOST 30050	10.8
Sulfated ash, %	ASTM D874 / GOST 12417	1.4
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	10.4
Flash Point, COC, °C	GOST 4333 / ASTM D92	232
Pour Point, °C	GOST 20287 B	-30

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".