

PRODUCT INFORMATION

AVANTGARDE ULTRA API CI-4/SL

Description

LUKOIL AVANTGARDE ULTRA 15W-40 is a mineral-based multigrade engine oil for use in heavy duty four-stroke turbocharged engines of latest generation for prolonged time between overhaul.

Application

LUKOIL AVANTGARDE ULTRA provides advanced protection of engines against wear, deposit formation and bore polishing under various load conditions. LUKOIL AVANTGARDE ULTRA ensures optimum lubrication and easy starting at low temperatures and ensures best performance at high temperatures. It offers excellent performance on different fuels and has been tested with ultra-low sulphur fuels without increased oil consumption.

Features/Advantages and Benefits

- Maximum engine protection against wear, corrosion and the formation of high temperature deposits
- Extended drain intervals reducing maintenance and repair costs
- Improves engine performance, saves fuel and reduces noise
- Approved by major engine manufacturers

Approvals/Specifications

AVANTGARDE ULTRA 15W-40 is API CI-4/SL-licensed and has been tested according to:

Approvals:

- MB 228.3
- Volvo VDS-3
- Cummins CES 20078
- MAN M3275-1
- Mack EO-N
- MTU Category 2
- Renault VI RLD-2
- Deutz DQC III-10
- JSC "KAMAZ"
- JSC "Avtodisel" ("YaMZ")
- JSC "TMZ" (Tutaev)

Meets Requirements:

- ACEA E7
- CAT ECF-1-a / ECF-2
- Cummins CES 20071
- Cummins CES 20072
- Cummins CES 20076
- Cummins CES 20077
- Mack EO-M Plus
- ZF-TE-ML 07D
- ZF-TE-ML 03A
- ZF-TE-ML 04P

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Typical Characteristics

Grade Name	Pour point °C	Flash point (COC) °C, min	Viscosity at 100°C cSt	SAE	Base number mgKOH/g
AVANTGARDE ULTRA	-30	232	14.9	15W-40	11

Health and Safety

The Safety Data Sheet is available on request and describes the product in terms of safety in use, handling and transport. The product is not classified as dangerous according to the Regulation 1272/2008. When used as intended, this product does not pose significant health risks. Repeated exposure may cause skin dryness or cracking. In case of skin contact, immediately wash the affected area with plenty of soap and water. Remove contaminated clothes. Wear protective gloves/protective clothing/eye protection/face protection.

Handling and Packaging

The compatibility and miscibility with comparable products from other suppliers have been tested successfully. In order to benefit from full product performance the mixing of lubricants should be limited to a minimum.

The condition of the oil should be monitored and maintained in accordance with the equipment manufacturers' instructions.

The product is available in bulk and drums of approximately 205 litres and pails of approximately 20 litres.

Further Information

For further information about LUKOIL Marine Lubricants please contact any representative of LUKOIL Marine Lubricants or visit our website www.lukoilmarine.com.

LUKOIL Marine Lubricants DMCC
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