

PRODUCT INFORMATION

AVANTGARDE M

Description

AVANTGARDE M 30 and AVANTGARDE M 40 are premium quality mineral-based monograde engine oils. They offer prolonged oil change intervals in high-speed marine and power generation four-stroke turbocharged engines of the latest generation running on distillate fuel with Sulphur content between zero and 1%wt.

Application

AVANTGARDE M is a Super High Performance Diesel (SHPD) lubricant and provides advanced protection of engines against wear, deposit formation and bore polishing under various load conditions. AVANTGARDE M offers excellent detergency and, hence, superior liner lacquering resistance. It ensures optimal lubrication and best performance at high temperatures, excellent performance on different fuels as well as prolonged oil drain intervals and low oil consumption.

Features/Advantages and Benefits

- Excellent thermal and oxidation stability and detergency
- Prevents liner lacquering, piston ring groove deposits and bore polishing
- Maximum engine protection against wear, bore polishing and corrosion
- Extended drain intervals reducing maintenance and repair costs
- Improves engine performance, saves fuel and reduces noise
- Meets major engine manufacturers' specifications

Approvals and Specifications

The AVANTGARDE M additive technology exceeds API CH-4 and ACEA E7-08 and has been tested according to:

- Detroit Diesel 93K215
- Mack E-OM Plus
- MAN M3275
- MB 228.3
- MTU Category 2
- VOLVO VDS-3

MARINE IN ALL WE DO!

Typical Characteristics

Grade Name	Pour point °C	Flash point (COC) °C, min	Viscosity at 100°C cSt	SAE	Base number mgKOH/g
AVANTGARDE M 30	-15	220	11.5	30	9
AVANTGARDE M 40	-15	230	14.5	40	9

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 as well as 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
January 2015