ExxonMobil

Mobilgard™ 570

ExxonMobil Marine , Romania

Marine Diesel Engine Cylinder Oil

Product Description

Mobilgard 570 by ExxonMobil is a premium quality, high-performance marine diesel engine cylinder oil. The outstanding performance of Mobilgard 570 has been demonstrated at the elevated peak firing pressures and liner temperatures found in modern marine two stroke engines. It has an optimum viscosity of over 20 cSt. at 100ºC and low volatility to ensure excellent lubricant distribution and oil film retention. Through the use of a balanced formulation for all-round performance, Mobilgard 570 has demonstrated the ability to minimise cylinder oil feed-rates whilst showcasing excellent cleanliness under sustained operation with fuel Sulphur levels down to 1.5%.

Features and Benefits

• Excellent thermal and oxidation stability can lead to reduced deposits and sludge formation.
• Outstanding detergency capability leads to potentially cleaner engine components
• Balanced formulation with low volatility can lead to lower feed rates and reduced cylinder oil consumption.

Specifications and Approvals

This product has the following approvals:
Everllence (formerly MAN Energy Solutions) Category I for 2-Stroke Marine Engines
WinGD Ltd. Liquid Fuel General Usage for 2-Stroke Marine Engines according to manufacturer´s latest operating guidelines

This product meets or exceeds the requirements of:
Japan Engine Corporation (Heritage MHI) 2-Stroke engines according to manufacturer's latest operating guidelines

Properties and Specifications

Property	
Grade	SAE 50
Density @ 15 C, kg/m3, ASTM D4052	938
Flash Point, Cleveland Open Cup, °C, ASTM D92	256
Pour Point, °C, ASTM D97	-9
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	222
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	20
Viscosity Index, ASTM D2270	104
Total Base Number, mgKOH/g, ASTM D2896	70

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

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