ExxonMobil

# Mobilgard™ 570

ExxonMobil Marine , Lithuania

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 100°C 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: |
|---|
| MAN Energy Solutions Copenhagen (Heritage MAN B&W) Category I for 2-Stroke Marine Engines |

## Properties and Specifications

| Property | |
|---|---|
| Grade | SAE 50 |
| Density @ 15 C, kg/m3, ASTM D4052 | 0.938 |
| 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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