

Mobilgard™ 570

High-performance cylinder lubricant for the majority of two-stroke marine engines



Energy lives here™

Product features

Mobilgard™ 570 high-performance cylinder oil is designed for two-stroke marine diesel engines operating on heavy fuel oil with up to 3.5 per cent sulphur content. It can help provide:

- Cold corrosion control
- Excellent antiwear properties
- Outstanding deposit control
- Optimised feed rates

Mobilgard 570 oil can offer more than

3X

longer piston overhaul periods.*

Excellent antiwear properties

Mobilgard 570 cylinder oil has been engineered using high-quality base oils, synthetic thickener and additives. It provides excellent antiwear properties to help extend piston ring and liner life, and delivers outstanding deposit control to keep pistons and rings clean.

Potential benefits

Mobilgard 570 oil helps:†

- 1** Extend engine life
- 2** Decrease maintenance costs
- 3** Increase vessel reliability
- 4** Lengthen piston overhaul intervals

Suitable for the majority of engines in operation today

Mobilgard 570 oil is part of a range of cylinder oils available and was engineered in close collaboration with leading marine engine builders. It has No Objection Letters from MAN Diesel & Turbo, Winterthur Gas & Diesel Ltd. and Mitsubishi Heavy Industries, and is suitable for use in the majority of engines in operation today. It also can help protect engines that are susceptible to low levels of cold corrosion.

Marine engine builders	No Objection Letters
MAN Diesel & Turbo	✓
Winterthur Gas & Diesel Ltd.	✓
Mitsubishi Heavy Industries	✓

*Based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

†When compared with a standard 70 BN cylinder oil and no/limited scrape down oil analysis.

Mobilgard™ 570

Maximise cost savings

In conjunction with the MobilGard™ Cylinder Condition Monitoring (CCM) programme, Mobilgard™ 570 high-performance cylinder oil can help operators reduce costs.* MobilGard CCM includes a series of onboard tests that monitor the performance of the cylinder oil and engine to help safely extend piston overhaul intervals and optimise feed rates.*



Proven in the field

- Athens-based Danaos Shipping extended piston overhaul intervals by more than 250 per cent and reduced cylinder oil feed rates to the minimum setting of 0.6 g/KWhr.†
- After experiencing cold corrosion, Danaos achieved a significantly lower liner wear rate of 0.0172 mm/1,000 hours in containership MV CSCL Europe's DOOSAN-MAN B&W 12-cylinder K98MC-C engine through use of Mobilgard 570 oil. The company prevented new cold corrosion formation and extended piston overhaul intervals to 35,000 hours.†

Mobilgard 570 oil helped Danaos Shipping extend piston overhaul intervals by more than

250%.

Typical properties

Mobilgard 570	
SAE Grade	50
Specific Gravity at 15°C	0.937
Flash Point, °C, ASTM D 92	256
Pour Point, °C, ASTM D 97	-9
Viscosity, ASTM D 445	
cSt, at 40°C	222
cSt, at 100°C	20
Viscosity Index, ASTM D 2270	104
TBN, mg KOH/g, ASTM D 2896	70

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