



## Mobilgard HSD 15W-40 CF-4

ExxonMobil Marine , South Korea

### Product Description

Mobilgard HSD 15W-40 CF-4 is a performance diesel engine oil that provides proven protection of diesel engines operating in marine service applications. Mobilgard HSD 15W-40 CF-4 is recommended by ExxonMobil for use in a wide range of diesel engines for use in a variety of operating environments in marine industries.

### Features and Benefits

Features	Advantages and Potential Benefits
Thermal and oxidation stability	Controls sludge build-up
TBN reserve	Deposit control
Component compatibility	Long seal and gasket life

### Applications

Mobilgard HSD 15W-40 CH-4 is designed to provide proven engine protection for marine diesel engines, including those models typically used in industries such as Inland, coastal, fishing, dredging, offshore service and other similar applications.

### Specifications and Approvals

This product is recommended for use in applications requiring:
API CF-4

### Properties and Specifications

Property	
Grade	SAE 15W-40
Pour Point, °C, ASTM D97	-39
Viscosity Index, ASTM D2270	136
Density @ 15 C, kg/l, ASTM D4052	0.88
Total Base Number, mgKOH/g, ASTM D2896	6
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	14
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	104

Property	
Ash, Sulfated, mass%, ASTM D874	0.73
Flash Point, Cleveland Open Cup, °C, ASTM D92	232

### 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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ExxonMobil Marine Limited

Ermyn Way

Leatherhead, Surrey

United Kingdom KT22 8LUX

<http://www.exxonmobil.com>

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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