

# Mobilgard™ HSD 15W-40

High-speed diesel (HSD) lubricant for a range of marine applications



Energy lives here™

## Product features

Mobilgard™ HSD diesel engine oil can offer:

- Superb resistance to corrosion
- Excellent low-temperature pumpability
- Stay-in-grade shear stability
- Outstanding thermal and oxidation stability

**Meets or exceeds the specifications** of most major European and American engine manufacturers.

## Engine cleanliness

Outstanding thermal and oxidation stability helps to reduce low-temperature sludge buildup and high-temperature deposits. This offers marine operators the potential to achieve enhanced engine and key component cleanliness, maximise component life and extend intervals between oil and filter changes.\*

## Potential benefits

Mobilgard HSD oil can help reduce costs by:\*

- 1 Extending drain intervals between oil and filter changes
- 2 Helping maintain engine cleanliness
- 3 Helping extend component life by minimising wear
- 4 Lowering oil consumption

## Proven performance across all engines

Mobilgard HSD oil is designed to provide outstanding performance in the most severe-service marine applications of modern, high-speed diesel engines. It meets the requirements of API CI-4.

Meets requirements of or approved by	
Caterpillar	✓
Cummins	✓
Volvo	✓
Yanmar	✓
Mitsubishi	✓

\*Compared with conventional, mineral 20W-50 products.

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## Long service life

Mobilgard™ HSD oil is engineered to help improve equipment reliability, helping extend component life while lowering operational and maintenance costs. This includes:

- Excellent low-temperature properties that provide exceptional startup wear protection
- Component compatibility that can help extend gasket seal life and service intervals
- BN reserves that help neutralise acid and stay-in-grade shear stability to protect components against wear
- Advanced detergency and dispersancy abilities, which help promote longer component life



## Typical properties

Mobilgard HSD	
SAE Grade	15W-40
Viscosity, ASTM D 445	
cSt @ 40°C	105
cSt @ 100°C	14.2
Viscosity Index, ASTM D 2270	138
Sulphated Ash, wt%, ASTM D 874	1.1
Total Base # , mg KOH/g, ASTM D 2896	10
Pour Point, °C, ASTM D 97	-33
Flash Point, °C, ASTM D 92	227
Density @ 15°C kg/l, ASTM D 4052	0.881