

Mobil Delvac 1™ SHC 5W-40

Fully synthetic oil for high-speed diesel engines using high-sulphur distillate fuels



Energy lives here™

Product features

Mobil Delvac 1™ SHC synthetic diesel oil is formulated for a wide range of marine applications. It can offer:

- Enhanced equipment reliability
- Exceptional protection against deposits and sludge buildup
- Excellent soot-handling capabilities
- Long gasket and seal life
- High-temperature stability and low-temperature characteristics (cold starts)

Mobil Delvac 1 SHC oil can help extend drain intervals by up to

10X*

Potential benefits

Mobil Delvac 1 SHC oil can help reduce operating costs by:*

- 1** Extending drain and service intervals
- 2** Reducing oil consumption and waste oil disposal
- 3** Helping prolong engine life
- 4** Potentially helping fuel economy

Engine recommendations

This oil is recommended for MTU category 3 and MAN M 3277.

Cleaner engines

Outstanding thermal and oxidation stability helps to reduce low-temperature sludge buildup and high-temperature deposits. This offers vessel operators the potential for cleaner engines, long component life and long drain intervals compared with mineral-based alternatives.

Recommended applications	
Main engines	✓
Generators	✓
Lifeboat engines	✓

*Compared with conventional, mineral 15W-40 products.

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Reliable performance under extreme conditions

Mobil Delvac 1™ SHC synthetic diesel engine oil provides excellent performance under the most severe operating conditions. It offers:

- Exceptional protection against soot-related viscosity, helping reduce component wear
- Outstanding wear protection, helping reduce engine scuffing and bore polishing
- High performance at significantly higher temperatures than other diesel engine oils



Longer service life

Mobil Delvac 1 SHC oil is engineered to enhance equipment reliability, helping maximise component life and lower operational and maintenance costs compared to conventional oils. Additionally, it helps reduce oil consumption, provide improved fuel economy, reduce waste oil disposal and lower overall operating and maintenance costs.

Typical properties

Mobil Delvac 1 SHC	
SAE Grade	5W-40
Viscosity, ASTM D 445	
cSt @ 40°C	84
cSt @ 100°C	14.2
Viscosity Index, ASTM D 2270	176
Sulphated Ash, wt%, ASTM D 874	1.9
Total Base #, mg KOH/g, ASTM D 2896	16
Pour Point, °C, ASTM D 97	-45
Flash Point, °C, ASTM D 92	238
Density @ 15°C kg/l, ASTM D 4052	0.859