



Veritas® 800 Marine

Slow-speed engine oils

Product Data Sheet

Product description

Veritas 800 Marine is a premium crankcase lubricant for slow-speed crosshead diesel engines. Veritas 800 Marine is manufactured from highly refined lubricating oil stocks and has very good anti-corrosion and antifoam properties. The oil has a moderate level of alkalinity to neutralize acidic combustion products that can enter the crankcase.

Special additives give the oil detergent properties which ensure clean crankcases. The combination of detergency and the excellent oxidation stability provides clean piston interiors where oil is used for cooling.

Recommended Uses

Veritas 800 Marine is recommended for the crankcase lubrication of large, slow-speed marine diesel engines. Due to ingress of higher viscosity cylinder drip oil into the SAE 30 system oil, the viscosity often shows an increase. Using the SAE 20 grade will help to correct such an increase. Veritas 800 Marine meets the Wärtsilä, MAN B&W and Mitsubishi crosshead engine system oil requirements.

Performance Benefits

Wear Protection

- Protects bearings and bright metals in the engine lubrication systems against corrosive wear from acids formed by combustion.

Detergency

- Ensures clean crankcases, piston interiors and lubricating oil lines.

Corrosion Protection

- Prevents corrosion of engine parts when the engine is not in operation.

Rust Protection

- Protects all engine parts against rusting.

A Chevron company product

Resistance to Foaming

- Prevents the formation of foam and ensures smooth operation of pumps with a continuous feed of oil to all parts that need lubricating.

Easy Purification

- Can be cleaned with normal shipboard purifiers.
- Water washing of Veritas 800 Marine is neither necessary nor recommended.

Typical test data

VERITAS 800 MARINE	RESULTS	
TEST	RESULTS	
SAE Viscosity Grade	20	30
Product Code	560034	560041
Base number, mg KOH/g	5.4	5.4
Density, 15 °C, kg/l	0.88	0.89
Flash Point COC, °C	240	240
FZG test (A/8.3/90) failure load stage	10	11
Pour Point, °C	-12	-12
Rust test, synthetic seawater	Pass	Pass
Viscosity Kinematic		
- at 40 °C, mm ² /s (cSt)	68	111
- at 100 °C, mm ² /s (cSt)	8.5	12.0
Viscosity index	95	95

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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