



## SLOW-SPEED ENGINE OILS

Veritas<sup>®</sup> 800 Marine**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 anticorrosion 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.

**Typical Characteristics**

SAE Viscosity Grade	20	30
Code	043209	042241
Base number, mgKOH/g	5.4	5.4
Density at 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, mm <sup>2</sup> /s (cSt)		
at 40°C	68	111
at 100°C	8.5	12.0
Viscosity index	95	95

**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****1. Wear Protection**

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

**2. Detergency**

Ensures clean crankcases, piston interiors and lubricating oil lines.

**3. Corrosion Protection**

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

**4. Rust Protection**

Protects all engine parts against rusting.

**5. 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.

**6. Easy Purification**

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