



Veritas® 800 Marine

Slow-speed diesel engine system oils

Product Data Sheet



Customer benefits

Wear Protection

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

Engine Cleanliness

Special detergent and ashless dispersant additive system ensures crankcases and lubricating oil lines are kept free of deposits. The combination of detergency and excellent oxidation stability provides clean piston cooling galleries and chambers.

Protects bearings and other engine components from rust and corrosion

Prevents corrosion of engine parts when the engine is not in operation. Optimum level of alkalinity reserve ensures that acidic combustion products (which enter the crankcase due to leaks in the connecting rod seals) are effectively neutralized to protect bearings and bright metals against corrosive wear. Protects all engine parts against rusting.

Smooth Operation

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

Combination of highly refined basestocks and special detergent additive system provides excellent water tolerance and separation properties which enable efficient purifier operation. Can be cleaned with normal shipboard purifiers. Water washing of Veritas 800 Marine is neither necessary nor recommended.

Applications

Veritas 800 Marine is recommended for:

- Large, low speed (less than 250 rpm), two-cycle crosshead diesel engines
- Particularly suitable for engines with oil-cooled pistons
- Older-type marine trunk piston engines with separate cylinder lubrication
- Marine and stationary applications

Product features:

- **Veritas 800 Marine** is a premium crankcase lubricant for large slow-speed two-stroke 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 appropriate level of alkalinity to neutralize acidic combustion products that can enter the crankcase.
- Carefully selected 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.

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Performance standards

Veritas 800 Marine 30 is recommended for use in:

- WinGD (formerly Wärtsilä)
- MAN (B&W) Energy Solutions
- Japan Engine Corporation (Mitsubishi)
- Blohm & Voss Simplex - for Stern Tubes
- Kobelco Eagle (KEMEL) - for Stern Tubes
- Wärtsilä Propulsion - for Stern Tubes

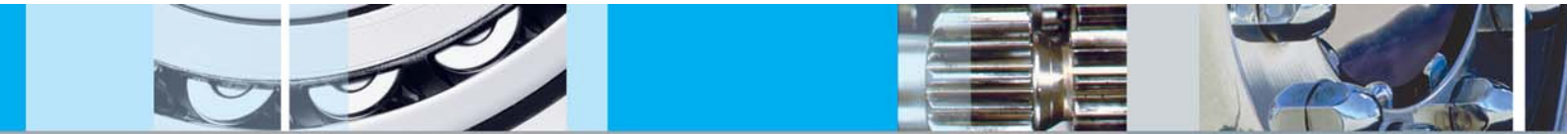
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Typical test data

VERITAS® 800 MARINE	TEST (ASTM)	RESULTS
Shelf Life: 60 months from date of filling indicated on the product label		
SAE Viscosity Grade		30
Product Code		560041
Base number, mg KOH/g	D2896	5.4
Density, 15°C, kg/l	D4052	0.89
Flash Point COC, °C	D92	240
FZG test (A/8.3/90) failure load stage	(CEC-L-07-95)	11
Pour Point, °C	D97	-12
Rust test, synthetic seawater	D665	Pass
Kinematic viscosity,		
mm ² /s @ 40°C (cSt)	D445	111
mm ² /s @ 100°C (cSt)	D445	12.0
Viscosity Index	D2270	95

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Global Lubricants: Africa, Middle East and Pakistan



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Service considerations

Marine system oils are designed for use with active purification systems. As such systems continuously remove contaminants from the oil, long service lives are possible and it is not usual to change out the lubricant on a fixed schedule. Accordingly, it is important that the oil's condition be monitored and the change out period be determined by means of regular oil analysis and interpretation in accordance with manufacturers' guidelines.

While Veritas 800 Marine has excellent water separation properties, water washing is neither necessary nor recommended. However, contamination with other engine oils may drastically affect its ability to maintain these excellent water separation characteristics.

Due to ingress of higher viscosity cylinder drip oil into the SAE 30 system oil, the viscosity often shows an increase.

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit www.caltexoils.com.

For more information, go to www.chevronlubricants.com

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