

Veritas® 800 Marine

Slow-speed diesel engine system oils



Product description

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.

Customer benefits and product features

Customer benefits

Wear Protection

Helps protect 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 help ensure crankcases and lubricating oil lines are kept free of deposits. The combination of detergency and excellent oxidation stability contributes to clean piston cooling galleries and chambers.

Helps protect bearings and other engine components from rust and corrosion

Helps prevent corrosion of engine parts when the engine is not in operation. Optimum level of alkalinity reserve helps to neutralize and protect bearings and bright metals against corrosive wear caused by acidic combustion products (which enter the crankcase due to leaks in the connecting rod seals). Helps protect all engine parts against rusting.

Smooth Operation

Helps to prevent the formation of foam and ensure the smooth operation of pumps with a continuous feed of oil to all parts that need lubricating.

Easy Purification

Combination of highly refined base stocks 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.

Product features

Carefully selected additives give the oil detergent properties which contribute to clean crankcases. The combination of detergency and the excellent oxidation stability helps clean piston interiors where oil is used for cooling.

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Applications

All Veritas[®] 800 Marine is recommended by Chevron 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 approvals, performance and recommendations

Performance standards

Veritas[®] 800 Marine 30 is developed independently by Chevron and is suitable for use in the products manufactured by the following OEMs:

- 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

Consult OEM representatives for independent verification, updates and recommendations.

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Typical test data

VERITAS® 800 MARINE KEY PROPERTIES	TEST METHOD	RESULTS
SAE Viscosity Grade	ASTM	30
Product Code		560041
Base No., 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,		
- mm²/s @ 40°C (cSt)	D445	111
- mm²/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: Asia Pacific.

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 the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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