

# Veritas<sup>®</sup> 800 Marine

## Marine Engine Oil



### Product description

Veritas<sup>®</sup> 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 boasts excellent anti-corrosion and antifoam properties. The oil has the right level of alkalinity to neutralize acidic combustion products that may enter the crankcase.

Formulated with specific additives to provide detergent properties, ensuring clean crankcases. Additionally, the combination of detergency and excellent oxidation stability helps maintain clean piston interiors where the oil is used for cooling.

### 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.
- **Safeguard 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.

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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:

- Blohm & Voss Simplex – for Stern Tubes
- Kobelco Eagle (KEMEL) – for Stern Tubes
- MAN Energy Solutions – for Large Diesel Engines
- Mitsubishi Motors
- Wärtsilä Propulsion – for Stern Tubes
- Winterthur Gas & Diesel - for Large Diesel Engines

Consult OEM representatives for independent verification, updates and recommendations.

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## Typical test data

| VERITAS <sup>®</sup> 800 MARINE        | TEST METHOD   | RESULTS       |
|--|---------------|---------------|
| <b>SAE Viscosity Grade</b>             | <b>ASTM</b>   | <b>30</b>     |
| <b>Product Code</b>                    |               | <b>560041</b> |
| Base No., mg KOH/g                     | D2896         | 5.6           |
| 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           | -18           |
| Kinematic Viscosity,                   |               |               |
| - mm <sup>2</sup> /s @ 40°C (cSt)      | D445          | 94            |
| - mm <sup>2</sup> /s @ 100°C (cSt)     | D445          | 11            |
| Viscosity Index                        | D2270         | 95            |

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.

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Veritas<sup>®</sup> 800 Marine/MEA/PDSV1\_23/08/2024



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