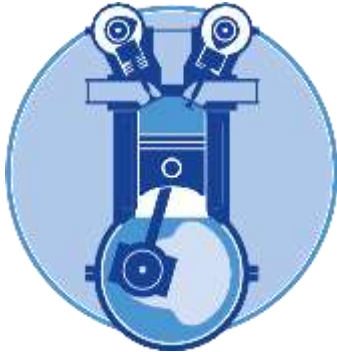




# OCEANLUBE MARINE

۳۰۳۰

SAE ۳۰, BN ۳۰, API CF



Trunk piston oil for medium speed engines.

## APPLICATIONS

Designed for use in highly rated, medium speed diesel engines used for both marine and stationary power generation.

Engines using residual heavy fuel oil with low sulfur content. It is also suitable for dual fuel ۴-stroke engines.

The product can also be used to lubricate bearings, stern tubes and reduction gears.

## FEATURES AND BENEFITS

The OCEANLUBE MARINE ۳۰۳۰ range of trunk piston engine oils are developed for use in medium speed diesel engines utilising IMO ۲۰۲۰ compliant and residual fuels.

OCEANLUBE MARINE ۳۰۳۰ combines an exclusive formulation of the latest additive technologies, developed by the Total research center.

The product utilizes and highly refined base oils to provide a substantial safety margin able to cope with higher stress levels.

## SPECIFICATIONS AND APPROVALS

✓	MAN ES (MAN B&W)	✓	Daihatsu
✓	YANMAR		

## TECHNICAL DATA : OCEANLUBE MARINE ۳۰۳۰

CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	—	—	۳۰
Density at ۱۵°C	ISO ۳۶۷۵	kg/m <sup>3</sup>	۹۱۰
Kinematic viscosity at ۴۰°C	ISO ۳۱۰۴	mm <sup>2</sup> /s	۱۱۰~۱۱۵
Kinematic viscosity at ۱۰۰°C	ISO ۳۱۰۴	mm <sup>2</sup> /s	۱۲
Flash Point (COC)	ASTM D ۹۲	°C	>= ۲۵۰
Pour Point	ISO ۳۰۱۶	°C	- ۱۸
BN	ASTM D ۲۸۹۶	—	۳۰

**Lubmarine**

## CUSTOMER BENEFITS

✓	The <b>OCEANLUBE MARINE 3.30</b> range exceeds the <b>CF</b> specification defined by the American Petroleum Institute (API).
✓	The ability to reduce heavy deposit build-up in an engine creates savings via a reduction in maintenance costs.
✓	The product offers excellent resistance to the negative effects of residual fuel contamination, along with excellent thermal resistance and oxidation resistance.
✓	The stable viscosity of <b>OCEANLUBE MARINE 3.30</b> range means that in service fewer top-ups are needed.
✓	The product is also very water resistant, with outstanding demulsibility capacity, enabling rapid removal of water after an ingress and the maintenance of good engine performance.

## GENERAL RECOMMENDATIONS

### COMPATIBILITY

Compatible with **generally available trunk piston lubricants**.

Please consult your Total Marine Lubrication Engineers should you have any questions.

### SHELF LIFE

5 years from date of manufacture.

### STORAGE

This product should be stored under cover in clean, dry conditions and protected from frost.

Recommended storage temperature range is 0°C to 50°C.

Drums that are stored on deck should be raised on pallets and covered to protect from the elements.

Always check regularly for leakage.

**Equivalent: SHELL ARGINA S3.30**

**DRUM 209L**



***FORMULATED IN GERMANY  
MADE IN IRAN***