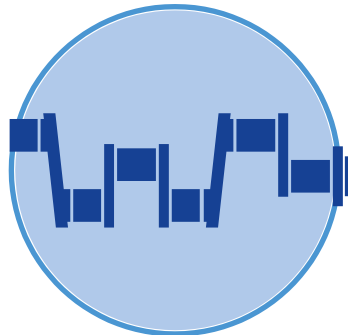




OCEANLUBE MARINE 3005 (SAE: 30, BN: 5)



Crankcase lubricant for 2-stroke crosshead engines.

APPLICATIONS

Lubrication of 2-stroke engines' crankshaft, oil cooled pistons and shaft bearings.

Lubrication of intermediate and tail shaft stern tube bearings.

FEATURES AND BENEFITS

OCEANLUBE MARINE 3005 system oil has been specifically designed for the lubrication of slow speed 2-stroke crosshead diesel engines.

Developed in close collaboration with major OEMs, OCEANLUBE MARINE 3005 meets the requirements of Japan Engine Corporation, MAN ES, and WinGD.

SPECIFICATIONS AND APPROVALS

✓	MAN ES (MAN B&W)	✓	Japan Engine Corporation (UE Engines)
✓	WinGD (Wärtsilä)		

TECHNICAL DATA : OCEANLUBE MARINE 3005

(DRUM 210L)

CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	—	—	30
Density at 15°C	ISO 3675	kg/m ³	890
Kinematic viscosity at 40°C	ISO 3104	mm ² /s	104
Kinematic viscosity at 100°C	ISO 3104	mm ² /s	11.6
Flash Point (COC)	ASTM D 92	°C	> or = 235
Pour Point	ISO 3016	°C	-18
BN	ASTM D 2896	—	5
FZG TEST (A/8.3/90), Fail Load Stage	D5182		11
Sulphated Ash % wt	D874		0.62

Lubmarine

CUSTOMER BENEFITS

✓	OCEANLUBE MARINE 3005 offers excellent detergency, thermal stability and resistance to foaming.
✓	The anti-oxidant properties enable superb antirust and anti-corrosive capability.
✓	Water separation and insoluble separation abilities also prevent the build-up of foreign particles and liquids.

GENERAL RECOMMENDATIONS

COMPATIBILITY

Compatible with **generally available crankcase lubricants.**

Please consult your Oceanlube Marine Lubrication Engineer 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 5°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.

**PAIL 20L
DRUM 210L**



Formulated In GERMANY