

## LUBEX MARINE 30/12, 40/12

### MEDIUM-SPEED TRUNK-PISTON DIESEL MOTOR OIL

#### PRODUCT DESCRIPTION

They are premium quality, extra high performance 12 TBN motor oils designed for use in the most severe residual-fuelled medium-speed diesel applications found in marine and stationary power industries. They are formulated utilizing the latest in additive technology.

#### APPLICATION/ USAGE

They are especially used in crankcase, camshaft areas, ring belt and piston under-crowns. They can be used in most medium-speed trunk piston engine applications. They are recommended for use in main propulsion and auxiliary engines on deep-sea vessels; in main propulsion engines on coastal and river ships; and in stationary power plants.

They are recommended for use in the latest model medium speed diesel engines and are especially beneficial in engines having low crankcase oil consumption or operating with low cylinder liner temperatures.

Oils should not be subjected to washing with water

#### ADVANTAGES/ BENEFITS

- They have excellent thermal stability and resistance to oxidation, provide excellent high temperature protection and deposit control which contributes to long oil life and gives long-term protection against acidic corrosion of metals
- Provide longer oil life and greater resistance to oxidative thickening,
- Reduce deposits formation in piston under-crown and ring belt areas,

- Have excellent heavy fuel detergency, because of this they provide the protection needed against the harmful effects of soot and heavy fuel contaminants,
- Improve anti-wear properties and so extend the life of critical wear surface. They also promote a high level of engine cleanliness,
- Separate easily from water.
- They have excellent TBN retention and provide superior protection in neutralizing the strong acids resulting from the use of high sulfur fuels
- Provide outstanding residual fuel compatibility characteristics for excellent engine cleanliness.
- Reduce lubricant consumption, have excellent piston/liner wear control and good gear performance help reduce component costs.

#### SPECIFICATIONS/ APPROVALS

API CF

#### STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

#### HEALTH AND SAFETY

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

02.2021.03.23



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TECHNICAL PROPERTIES	TEST VALUES		TEST METHOD
	30/12	40/12	
SAE Viscosity Class	30	40	-
Density (20°C, g/cm <sup>3</sup> )	0,890	0,894	ASTM D 4052
Kinematic Viscosity (100°C, cSt)	11,7	15,7	ASTM D 445
Viscosity Index	104	100	ASTM D 2270
Flash Point (°C)	220	224	ASTM D 92
Pour Point (°C)	-18	-18	ASTM D 97
Total Base Number (mg KOH/ g)	12	12	ASTM D 2896

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