

MARINE LUBRICANTS

CEPSA LARUS 2040

DESCRIPTION

CEPSA LARUS 2040 oil is specifically developed for compliance with regulation IMO 2020, with a perfect blend of straight-refined paraffin bases and additives designed for use in four-stroke marine diesel engines using residual fuels. It eliminates the problems arising from the formation of black sludge and has excellent oil/fuel compatibility. The product is compatible with both ULSFO (Ultra Low Sulphur Fuel Oil, 0.1%S) and VLSFO (Very Low Sulphur Fuel Oil, 0.5%S), as per manufacturer's recommendations. It can be used in DF (Dual Fuel) operations with LNG (Liquefied Natural Gas), as per manufacturer's recommendations.

Intended for applications in modern, medium-speed 4-stroke marine diesel engines using low sulphur residual fuels, CEPSA LARUS 2040 oil, thanks to its high dispersant capacity, prevents the formation of deposits (asphaltenes) in the engine, and in combination with a new family of high performance detergents, eliminates the accumulation of deposits in the piston rings and maintains an excellent level of cleanliness in the piston's cooling gallery.

PRODUCT PERFORMANCE

- The initial Total Base Number (TBN) value of these oils is designed to provide high acid neutralisation and maintain effective residual alkalinity in service, when used in engines with very low SLOC (Specific Lube Oil Consumption), such as the designs of engines with anti-polishing rings.
- Specifically developed for compliance with the IMO 2020 standard.

PRODUCT APPLICATIONS

- Excellent N.B. alkaline reserve and retention.
- Provides excellent compatibility of the lubricant with the residual fuel.
- Easy separation of water.
- Excellent detergent properties.
- Excellent cleanliness of camshaft, crankcase and piston cooling gallery.
- Excellent control of "black sludge".
- Drastic reduction of piston ring deposits.
- Due to its high thermal stability, it extends the oil's service life.
- Reduces operation and maintenance costs.

SPECIFICATIONS

- MAN B&W Diesel
- WÄRTSILÄ

TYPICAL CHARACTERISTICS

CHARACTERISTICS	UNITS	ASTM STANDARD	CEPSA LARUS 2040
SAE GRADE		---	40
Density 15 °C	kg/l	D-4052	0.9045
Flash point V/A	°C	D-92	>230
Freezing point	°C	D-97	-9
Viscosity at 40 °C	cSt	D-445	143.8
Viscosity at 100 °C	cSt	D-445	14.5
Viscosity index	-	D-2270	99
Base number	mg KOH/g	D-2896	20

HEALTH & SAFETY AND ENVIRONMENT

A Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product in accordance with the applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.