

CEPSA LARUS 4040



Description

The CEPSA LARUS 4040 oil provides a perfect combination of virgin paraffin-based oils and additives designed for application in 4-stroke marine diesel engines, eliminating the problems of "black sludge" formation typical of previous formulations, and with excellent oil-fuel compatibility (IFO).

Intended for use in modern 4-stroke medium-speed marine diesel engines that use residual fuels with a high sulfur content, the CEPSA LARUS 4040 oil, as a result of its high dispersant capacity, which prevents the formation of deposits (asphaltenes) in the engine, combined with a new family of high performance detergents, eliminates the accumulation of deposits on the piston rings and maintains a good level of cleaning in the piston cooling gallery.

Product performance

- The initial Base Number (TBN) value of these oils is designed to provide good acid neutralization and maintain efficient residual alkalinity in service, when they are used in engines with a very low SLOC (Specific Lube Oil Consumption), such as the designs of these engines with an anti-polishing ring.

Applications

- Excellent alkaline reserve and BN retention.
- Provides excellent compatibility of the lubricant with the residual fuel.
- Easy separation from water.
- Excellent detergent properties.
- Excellent cleaning of the camshaft, crankcase and piston cooling gallery.
- Excellent control of "black sludge".
- Huge reduction of deposits on the piston rings.
- Due to its high thermal stability it extends the service life of the oil.
- Reduces operation and maintenance costs.
- Reduce costes de operación y mantenimiento.

Specifications

· MAN B&W Diesel	· WÄRTSILÄ	· MWM Energy - DEUTZ
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Typical Characteristics

SPECIFICATIONS	ASTM STANDARD	CEPSA LARUS 4040
SAE GRADE	---	40
Density 15°C, kg/l	D-4052	0.9148
Flash Point O/C °C	D-92	>230
Freezing Point, °C	D-97	-27
Viscosity cSt at 40 °C	D-445	141
Viscosity cSt at 100 °C	D-445	14.14
Viscosity Index	D-2270	97
Base Number, mg KOH/g (min)	D-2896	40

Health & Safety and Environment

In accordance with current legislation, all health, safety and environmental information for this product is provided on the Material Safety Data Sheet, which gives details of potential hazards, handling precautions and first aid measures, together with environmental data.