

# CEPSA LARUS 5040

## Description



The CEPSA LARUS 5040 oil is manufactured with a perfect combination of the best refined paraffin base oils and additives designed for application in four-stroke marine diesel engines, eliminating the problems of "black sludge" formation, and with an excellent oil/fuel compatibility (IFO).

Intended for application in the modern medium-speed four-stroke marine diesel engines that use waste fuels with a high sulfur content (up to 3%), the CEPSA LARUS oil 5040, thanks to its high dispersant capacity, which prevents the formation of deposits (asphaltenes) in the engine, in combination with a new family of high-performance detergents, eliminates the accumulation of deposits in the piston rings and keeps the cooling gallery of the piston very clean.

### Product performance

- The initial value of the base number (TBN) of these oils is designed be a very strong acid neutralizer and maintain an effective residual alkalinity, when they are used in very low-SLOC (Specific Lube Oil Consumption) engines, such as these anti-polishing ring engines.

### Product applications

- Excellent alkaline reserve and BN retention.
- It makes the lubricant highly compatible with the residual fuel.
- Easy water separation.
- Excellent detergent properties.
- Excellent cleaning of the camshaft, sump and refrigeration area of the piston.
- Excellent control over "black sludge".
- Drastic reduction of deposits in piston rings.
- Because of its high thermal stability, it extends the useful life of the oil.
- It reduces operating and maintenance costs.

## Specifications

· MAN B&W Diesel

| · WÄRTSILÄ

## Typical Characteristics

CHARACTERISTIC	UNITS	ASTM STANDARD	CEPSA LARUS 5040
<b>SAE GRADE</b>		---	<b>40</b>
Density 15 °C	kg/l	D-4052	0.921
Flash point COC	°C	D-92	>230
Pour point	°C	D-97	-24
Cst viscosity at 40 °C	cSt	D-445	137
Cst viscosity at 100 °C	cSt	D-445	14.5
Viscosity index	-	D-2270	101
Base number, (min)	mg KOH/g	D-2896	50

## Health & Safety and Environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation

The typical characteristics that appear in the table above are average values provided for information purposes only and do not constitute a guarantee.  
These values may be modified without any prior warning.