

Marine lubricants.

Larus 2040



Product developed for lubrication of the sump of medium-speed four-stroke diesel marine engines using residual fuels with a low sulfur content (<0.5%).

Use

- The Larus 2040 product has been formulated with first-refined paraffin bases and high-quality additives, which provide protection against black sludge. The initial value of the base number (TBN) of these oils is designed to be a good acid neutralizer and maintain effective residual alkalinity in service. Depending on engine conditions, it may also be suitable for fuels with sulfur content between 0.1 and 0.5% for limited periods of time and under the manufacturer's recommendation. The product is compatible with Scrubbers type exhaust gas systems.
- The product is compatible with ULSFO (Ultra Low Sulfur Fuel Oil, 0.1%S) and VLSFO (Very Low Sulfur Fuel Oil, 0.5%S) fuels, as per the manufacturer's recommendation. It can be used in DF (dual fuel) mode with LNG (liquefied natural gas), according to the manufacturer's recommendation.

Benefits

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

Specifications

- MAN B&W Diesel
- WÄRTSILÄ

Physical and chemical properties

Parameter	Units	Method	Larus 2040
SAE Grade	-	-	40
Density 15°C	kg/l	D-4052	0.905
Flash point COC	°C	D-92	>230
Pour 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	100
Base Number, (min)	mg KOH/g	D-2896	20

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 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.