

Marine lubricants.

Larus 30



Product developed for lubrication of the sump of medium-speed four-stroke diesel marine engines using residual fuels with a sulfur content higher than 0.5% up to 1.5%.

> Use

- Larus 30 products 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 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.
- They are oils suited for IMO 2020 compliance, especially for VLSFO (Very Low Sulfur Fuel Oil, 0.5%S), or HFO (Heavy Fuel Oil, 0.5 - 1.5%S) depending on the manufacturer's recommendation. According to the manufacturer's recommendations, it is possible to use it in Dual Fuel engines. The product is compatible with the use of scrubbers.

> Benefits

- Excellent alkaline reserve and BN retention.
- It makes the lubricant highly compatible with the residual fuel.
- 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 3040	Larus 3030
SAE Grade	-	-	40	30
Density 15°C	kg/l	D-4052	0.911	0.907
Flash point COC	°C	D-92	>230	>245
Pour point	°C	D-97	-15	-27
Viscosity at 40 °C	cSt	D-445	144	100
Viscosity at 100° C	cSt	D-445	14.5	11.5
Viscosity Index	-	D-2270	100	100
Base Number, (min)	mg KOH/g	D-2896	30	30

> 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.