

EKOMAR CLO 40

Marine diesel engine cylinder oil

Description

EKOMAR CLO 40 is a marine diesel engine cylinder oil, suitable for all crosshead diesel engines running on distillate fuels and heavy fuels with sulfur content up to 1.5% wt.

Applications

- EKOMAR CLO 40 is suitable for the cylinder lubrication of low-speed 2-stroke marine crosshead diesel engines running on very low sulfur distillate fuels (<0.5% wt) and ultra-low sulfur distillate fuels (<0.1% wt), as well as heavy fuels with sulfur content up to 1.5% wt.
- The total alkalinity of the cylinder lubricant must match the sulfur content of the fuel, and it may be necessary to adjust the feed rate accordingly.
- When running at low feed rate or in ultra-low steaming mode, the condition of the liner and piston rings must be evaluated on a regular basis. You should refer to the manufacturer recommendation on feed rates.

Advantages

- Excellent wear protection, resulting in a reduction in wear on rings and liners and a reduction in downtime intervals.
- The excellent oxidative and thermal stability and the superb detergent capability of the lubricant provide excellent deposit control and maintain engine cleanliness, and also allow operation at optimized power rates.
- Meets the performance requirements of all major manufacturers (OEM).

Typical Characteristics

Properties	Methods	Units	EKOMAR CLO 40
SAE Viscosity Grade	-	-	50
Density, 15°C	ASTM D4052	g/ml	0.920
Kinematic Viscosity, 100°C	ASTM D445	cSt	19
Base number, TBN	ASTM D2896	mg KOH/g	40
Pour Point	ASTM D5950	°C	-6
Flash Point (COC), min	ASTM D92	°C	230

Health and safety

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.