

CEPSA STERNA

Description



High-performance, high-viscosity lubricating oil, specially developed for the lubrication of Cedervall-type stern tubes installed on ships, and for certain propeller blade stabilizer bearings installed on passenger ships. It is formulated based on high viscosity index (VI) base oils combined with emulsifiers, structural modifiers, active surface agents and corrosion preventives.

Applications

- Particularly recommended for bearings/stern tube seals where lubricants with emulsifying properties are required.

Product performance

- It emulsifies rapidly with seawater, maintaining a stable emulsion, which is adhesive and an excellent lubricant.
- It provides protection against the corrosion of critical surfaces of the stern tube in the presence of seawater.
- It forms a lubricating film which is resistant to washing by water, which enables protection against corrosion to be maintained for long periods of time under severe operating conditions.
- Effective lubrication of critical components in stabilizing systems.
- Good viscosity retention under severe operating conditions. Effective leak control and reduced oil consumption.

Typical Characteristics

CHARACTERISTIC	UNITS	METHOD	CEPSA STERNA
Density at 15°C	kg/l	ASTM D-4052	0,908
Flash Point, V/A	°C	ASTM D-92	>270
Pour point	°C	ASTM D-5950	-6
Viscosity at 40°C	cSt	ASTM D-445	371,1
Viscosity at 100°C	cSt	ASTM D-445	26,58
Viscosity Index	-	ASTM D-2270	96
Sea water corrosion test	-	ASTM D-665	Pasa
Emulsion test	-		Pasa
Emulsion at 60 min, ml.	ml	ASTM D-1401	60
Emulsion characteristics	-		Creamy and stable

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.