

Petrogulf Sterntube Oil

PRODUCT DESCRIPTION

Petrogulf Sterntube Oil is a range of environmentally sensitive lubricants, formulated from natural and renewable esters, which provide excellent lubrication in both neat and emulsion forms. They are primarily designed for use where lip type seals and other circulatory oil feed systems are in operation.

Petrogulf Sterntube Oil and components are biodegradable according to OECD test 301B and can be considered minimally toxic according to OECD tests 201/202/203/ and as such meet the VGP definition of an Environmentally Acceptable Lubricant.

FEATURES & BENEFITS

- They provide excellent lubrication under both boundary and hydrodynamic lubricating conditions.
- It forms a stable emulsion with any water that may enter the sterntube ensuring that a lubricating film is available at start time and corrosion protection is maintained during prolonged standing.
- It is VGP compliant Environmentally Acceptable Lubricants
- The product provides excellent lubrication in both neat and emulsion form.
- Compatible with most engine oils and the metals commonly used in sterntubes. Petrogulf Sterntube oil can thus be added to the existing oil in use by a topping-up procedure. However a complete oil change whilst the vessel is in drydock is the preferred method of changeover.
- There is good compatibility with the seal materials commonly in use and is approved by most major lip and face stern seal manufacturers.

APPLICATION

- Sterntube Oil ISO 100 is the viscosity grade normally recommended by the bearing and seal manufacturers for regular running in the sterntube, where there is potential for sea or fresh water contamination into the lubrication system.

TYPICAL PROPERTIES

API/ISO		100
PROPERTIES	METHOD	
Density, 15C	ASTM D2896	0.92
Flash Point	ASTM D92	>170
Kinematic Viscosity, cSt @40 C	ASTM D 445	100
Viscosity Index		>200
Pour Point, C	ASTM D97	<-24
Rust Test	ASTM D665	Pass
Copper Corrosion	ISO 2160	1b

- ❖ These characteristics are typical of current production. Whilst future production will conform to PetroGulf's specification, variations in these characteristics may occur.

HANDLING, HEALTH AND SAFETY

- ⚠ Lubricants consisting of highly refined mineral oils with specific additives under normal conditions of use, presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- ⚠ Prevent any splashing and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off used oil correctly; don't pour down drains, into water courses or the soil.
- ⚠ Take used oil to an authorized collection point.