



# PRODUCT DATA SHEET

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## TEXAS STERN TUBE OIL

High Performance Mineral Based Stern Tube Lubricant

### DESCRIPTION

TEXAS Stern Tube Oil is a high performance lubricant developed for the lubrication of stern tube bearings used in ships and vessels and to provide a seal against sea entry. TEXAS Stern Tube Oil is blended with high viscosity index (VI) base oils and excellent additive package containing good emulsification, anti-wear, anti-rust and anti-oxidant and anti-corrosion properties. It emulsifies readily with sea-water to form a stable water-in-oil emulsion that is adhesive and an excellent lubricant. It provides effective rust protection in the presence of sea water and the lubricating film is resistant to water washing so that corrosion protection is maintained for extended periods under severe operating conditions.

### BENEFITS

- Superior emulsification properties
- Excellent anti-wear properties
- High film strength
- Outstanding oxidation resistance
- Excellent rust and corrosion properties

### TYPICAL APPLICATIONS

- TEXAS Stern Tube Oil is recommended for the lubrication of stern tube bearings on ships and vessels where a high viscosity, readily-emulsifying lubricant is recommended.
- It may also be used for the lubrication of fin tilting bearings, thruster gearboxes of ships and vessels.

### TYPICAL PROPERTIES

Grade	320	460
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	321	455
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	24	30
Viscosity Index	95	95
Density, kg/Litre @ 15°C	0.905	0.910
Pour Point, °C	-13	-13
Flash Point COC, °C	>220	>220
Rust Test, Sea Water	Pass	Pass
Timken Salt Water Corrosion Test	Pass	Pass