

# ECOSTERN SMX 100

## DESCRIPTION & APPLICATION

**ECOSTERN SMX 100** is a non-emulsifiable Environmentally Acceptable Sterntube Lubricant intended for owners who prefer to separate off any water ingress. It is based on renewable synthetic esters that offer enhanced fluid service life under severe operating conditions.

## VGP

**ECOSTERN SMX 100** and its components have been evaluated by independent laboratories. Using these test results, Vickers Oils has determined that it meets the VGP definition of an Environmentally Acceptable Lubricant.

## FEATURES & BENEFITS

- Excellent lubrication under both the boundary and hydrodynamic lubricating conditions encountered in a sterntube.
- Excellent demulsification performance especially when mixed with sea water.
- Compatible with metals and elastomers commonly used in sterntubes.
- Achieves biodegradability of greater than 60% in the 28 day OECD 301B test and is considered practically non-toxic on the marine environment.

## TYPICAL CHARACTERISTICS

ECOSTERN SMX 100		TEST METHOD
Appearance	Clear & Bright	
Viscosity @ 40°C (cSt)	100	ASTM D7042
Density @ 15°C (kg / l)	0.919	ASTM D4052
Pour Point (°C)	-36	ASTM D7346
Flash Point (°C)	>170	ASTM D92
Four Ball (mm)	0.42	ASTM D4172
Shelf Life	5 years in original containers while stored out of sunlight	

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