

ENOC STRATA CYL 540 LS

PRODUCT DESCRIPTION

ENOC STRATA CYL 540 LS is an advanced marine cylinder engine oil suitable for the lubrication of low speed two stroke cross head engines running on distillates fuels with sulphur content up to 0.5%. The oil is blended from highly refined base oils having maximum oil film strength and modern complex detergent technology additives to provide high performance protection against cylinder scuffing and effective acid neutralising properties protecting against acid corrosion.

APPLICATIONS

- ◆ 40 BN Cylinder oil for slow speed two stroke engines running on distillates with up to 0.5% Sulphur content.
- ◆ Two stroke engines, including the latest generation crosshead engines running on very low sulphur fuel.

RECOMMENDATIONS

STRATA CYL 540 LS is recommended for modern low speed crosshead two stroke diesel engines where the cylinder lubrication requires specialised high alkaline, optimised TBN properties to provide resistance to bore polishing and the formation of heavy carbon deposits on the piston crown and ring belt areas. Also, to minimise the build-up of carbon deposits in the combustion chamber and exhaust ports. The high viscosity and lubricity maintain a strong oil film to reduce cylinder and ring wear and provide piston and ring lubrication under the harsh operating conditions.

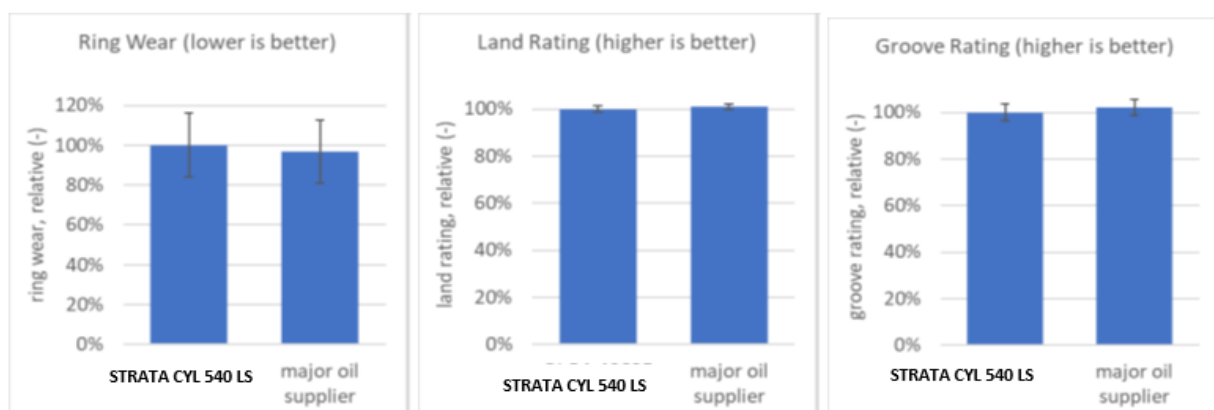
PERFORMANCE STANDARDS:

Meets the performance requirements of major OEMs like MAN B&W and WIN GD 2-stroke engines

BENEFITS

STRATA CYL 540 LS provides:

- ◆ Extended liner and piston ring life through effective neutralization of acidic combustion products with low sulfur fuels.
- ◆ **STRATA CYL 540 LS** oil has undergone rigorous bench, rigs, engine & field-testing programs
- ◆ **Piston cleanliness** - After more than 1,200 hours of operation we find good external piston cleanliness, at least equal to the reference oil.





- ◆ Reduced carbon deposits and scuffing related to engine wears associated with low sulfur fuels.
- ◆ Excellent thermal and oxidative stability to ensure performance of variety of engine conditions.
- ◆ Specially formulated to ensure reliable operation with IMO compliant very low sulfur fuels.
- ◆ Excellent corrosive wear protection

Technical Data*	
ENOC Strata CYL 540 LS	
SAE Viscosity Grade	50
Density at 15°C, kg/L, ASTM D4052	0.9188
Viscosity, Kinematic, ASTM D 445	
mm ² /s at 40°C	222
mm ² /s at 100°C	19.5
Pour Point, °C, ASTM D97	>230
Flash Point, °C, ASTM D92	-9
Total Base number, mg KOH/g, ASTM D 2896	40
Product code	152039

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information, we recommend you review the MSDS. Handled correctly there are no special precautions suggested.