



ENMAR CYL 5100

PRODUCT DESCRIPTION

ENMAR CYL 5100 is a high alkaline cylinder lubricating oils for the lubrication of modern large bore turbocharged crosshead two stroke diesel engines. It is blended from highly refined base oils and modern complex detergent technology additives to provide high performance protection against cylinder scuffing through maintaining excellent film strength and effective acid neutralizing properties where high sulphur fuels are used.

APPLICATIONS

- ◆ Cylinder lubrication in the latest, large bore turbocharged marine crosshead diesel engines requiring 100 TBN oils to meet the most demanding requirements of the residual fuels with sulphur levels >3 % wt.
- ◆ 100 TBN cylinder oils for specific high output engines where oil consumption has been reduced to meet international marine engine exhaust low emissions using high sulphur fuel.

RECOMMENDATIONS

ENMAR CYL 5100 is recommended for modern low speed crosshead two stroke diesel engines where the cylinder lubrication requires specialized high base number detergent properties to provide resistance to bore polishing and the formation of heavy carbon deposits on the piston crown and ring belt areas. Also, to minimize the build-up of carbon deposits in the combustion chamber and exhaust ports. Their 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.

BENEFITS

ENMAR CYL 5100 provides:

- ◆ Extended liner and piston ring life through effective neutralization of acidic combustion products.
- ◆ Reduced carbon deposits in the combustion chamber, exhaust ports and cylinder and piston ring areas through the latest complex tri-based detergent technology
- ◆ Minimize scuffing of pistons, rings, and liners.
- ◆ Excellent corrosive wear protection

Technical Data*	
ENMAR CYL Oils	5100
SAE Viscosity Grade	50
Kinematic Viscosity @ 40°C	205
Kinematic Viscosity, mm ² /s @ 100°C	19.5
Flash point, COC, °C	280
Pour Point °C	-12
Total Base Number, ASTM D-2896	100

*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 ENMAR 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.

Issued by ENMAR

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