

EPPCO BAHRI CYL

PRODUCT DESCRIPTION

EPPCO BAHRI CYL are high alkaline cylinder lubricating oils for the lubrication of modern large bore turbocharged cross-head two stroke diesel engines. The oils are blended from highly refined base oils having maximum film strength and modern complex detergent technology additives to provide high performance protection against cylinder scuffing and effective acid neutralising properties where high sulphur fuels are used.

APPLICATIONS

- ◆ Cylinder lubrication in the latest, large bore turbocharged marine crosshead diesel engines requiring 100 or 70 or 40 TBN oils to meet the most demanding requirements of the residual fuels with sulphur levels >3 % wt.
- ◆ 40 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.
- ◆ 70 TBN cylinder oils for all modern high output engines requiring SAE 50 grade and operating on high sulphur content residual fuel
- ◆ 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

BAHRI CYL is recommended for modern low speed crosshead two stroke diesel engines where the cylinder lubrication requires specialised 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 minimise the build-up of carbon deposits in the combustion chamber and exhaust ports. Their high viscosity and lubricity maintains a strong oil film to reduce cylinder and ring wear and provide piston and ring lubrication under the harsh operating conditions.

BENEFITS

BAHRI CYL provides:

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

Technical Data*			
EPPCO BAHRI CYL Oils	540	570*	5100*
SAE Viscosity Grade	50	50	50
Kinematic Viscosity mm ² /s @ 40°C	255.5	252.1	205
Kinematic Viscosity, mm ² /s @ 100°C	20.85	21.48	18.8
Flash point, COC, °C	260	280	286
Pour Point °C	-15	-15	-12
Sulphated ash %m	5.15	8.98	12.72
Total Base Number, ASTM D-2896	40	70	100
Product Code	352017	352007	352034

*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.