

MAK MARINE CYL 507

Description

MAK MARINE CYL 507 is high quality Marine engine Cylinder Lubricating (MCL) oil specially developed for Cross-head Marine Engines using inferior quality residual fuel oils. This oil is also suitable for engines burning residual fuels having sulphur content exceeding 4%. It is particularly suitable for cylinder lubrication of the new generation two-stroke engines operating under high pressure & temperature and having higher stroke to bore ratio. The oil is designed to ensure trouble free performance, extended overhaul intervals and longer engine life.

MAK MARINE CYL 507 is approved by **M/s MAN DIESELS & TURBO** for usage of 2 stroke MAN B&W marine engines.

Application

It is recommended for cylinder lubrication of all types of two-stroke Cross-head Marine Engines burning inferior quality high sulphur residual fuel oils and used in power generation and marine propulsion.

Benefits

- High base number to neutralize combustion acids produced by the high sulphur residual fuels and thereby protects engine components from corrosion.
- Advanced detergents and anti-wear agents to keep engine exceptionally clean and protect the cylinder and piston rings against wear respectively.
- Provides greater thermal stability and uniform lubrication distribution.

PERFORMANCE LEVEL

- API CF-4 / SJ
- MB 228.1
- IS 13656:2002 Type EDL5 & EPL2
- MIL-L-2104E

Technical Specifications

Characteristics	ASTM	Typical Figures
Appearance	-	Clear and Bright
Kinematic Viscosity at 100 °C, cSt	ASTM D 445	20.1
Viscosity Index	ASTM D 2270	97
Foaming Characteristics/Stability (ml) Sequence –I Sequence –II Sequence –III	ASTM D 892	Nil /Nil 10 /Nil Nil /Nil
Flash Point, (COC), °C	ASTM D 92	264
Copper Corrosion @ 100°C for 3 hrs.	ASTM D 130	1a
Total Base Number, mg KOH/ gm	ASTM D 2896	70

Storage and Handling

- Indoor Storage is always preferable.
- Barrels should be kept horizontally at 3'o'clock 9 'o clock position.
- Barrels should be kept away from dusty or heated areas as much as possible.

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

Advice

All the mentioned values are typical which may vary from batch to batch. For any further advice on applications or otherwise please contact the nearest Bharat Petroleum Territory Office or Technical Services Department at the address given below.

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