



PRODUCT & TECHNICAL DATA

PRO MCL 50 RANGE

MARINE CYLINDER LUBRICANT FOR MARINE ENGINES USING HEAVY FUEL

DESCRIPTION

Pro MCL 50 Range is a high performance Marine Cylinder Lubricant (MCL), SAE 50. The product is available in a TBN 40 and TBN 70. It is intended for lubricating slow-speed marine engines at very high mechanical and thermal loads. Pro MCL 50 is blended using highly refined, paraffinic base oils and only the best additive packages available. The carefully selected additives provide superior ring and liner wear protection and excellent piston cleanliness in slow-speed cross-head engines. Pro MCL 50 has excellent high pressure and high temperature capabilities for the marine engines.

APPLICATIONS

Pro MCL 50 has been developed for the lubrication of cylinders of all large slow-speed marine diesel engines, operating at high power outputs and high thermal loads. The high TBN (Total Base Number) will ensure the combat of high sulphur found in heavy fuel, used in the marine industry.

FEATURES AND ADVANTAGES

- Protects against excessive cylinder and piston ring wear.
- Maintaining oil film strength under high load conditions.
- Prevents ring sticking and minimizes deposit formation.
- Superior combat against high sulphur fuel (heavy fuel).

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PHYSICAL CHARACTERISTICS

SAE	50	50
Total Base Number, mg, KOH/g	40	70
Viscosity @ 40 °cSt	247	247
Viscosity @ 100 °cSt	20.9	20.9
Viscosity Index	98	98
Pour Point, °C	-16	-16
Flash Point, °C	246	246

GENERAL ADVICE

Further information on all Pro Oil SA lubricants is available from any Pro Oil SA office or from:
www.prooil.co.za

These characteristics are typical of current production.
Whilst future production will conform to Pro Oil SA's specification, variations in these characteristics may occur.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Pro Oil SA representative.

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