

Product Data Sheet

HIPRO MEROL-12

Premium 12BN Marine Diesel Engine Oil

PRODUCT FEATURES

A premium quality crankcase, cylinder marine diesel engine oil formulated for use in medium-speed trunk piston diesel engines. It is formulated from quality base oils and advance additive system to provide excellent anti-corrosion, anti-oxidation properties and provide better engine cleanliness for marine and power generation engines using distillate or residual fuel.

APPLICATIONS

Suitable for the lubrication of medium-speed trunk piston engines operating on distillate fuels or light fuel blends. Also can be use as crankcase oil in large crosshead type diesel engines.

SPECIAL PROPERTISE

- ◆ Superior detergency/dispersancy additive system that provides exceptional engine cleanliness, controlling varnish, lacquer and deposits to reduce maintenance cost.
- ◆ Neutralization value of 12 TBN and extra alkalinity retention characteristics to ensure good protection in neutralizing the strong acids resulting from the use of high sulphur fuel.
- ◆ Excellent high temperature deposits control in areas such as piston under crown and piston ring belt areas enabling piston rings to function efficiently to maintain high power output and engine performance.
- ◆ Good water centrifugation and outstanding thermal and oxidation stability to ensure long oil life.

PERFORMANCE CLAIMS

- ◆ API CF

TYPICAL SPECIFICATION

PROPERTY	UNIT	TEST METHOD	SAE 40
			SPECIFICATIONS
Density at 15 deg C	Kg/l	ASTM D4052	0.894
Viscosity at 100 deg C	cSt	ASTM D445	14.0 – 15.0
Viscosity Index		ASTM D 2270	98
Flash Point COC	deg C	ASTM D 92	230
Pour Point	deg C	ASTM D 97	-6
Total Base Number	mg KOH/g	ASTM D 2896	12

* The above specifications are typical of current production, variation in these characteristics may occur, but will not affect the product performance.

CAUTION: Continuous contact with used oil has caused skin cancer in lab animals. Avoid prolonged skin contact. Avoid eye contact. Wash skin thoroughly with soap and water after handling. Flush eyes with water for 15 minutes in case of contact. If swallowed, do not induce vomiting. Contact a physician immediately. **KEEP OUT OF REACH OF CHILDREN.**
