



HD Marine Oil 12 TBN SAE 40

Diesel Engine System Oil

DESCRIPTION

HD Marine Oil 12 TBN SAE 40 is a high performance, premium marine oil and an excellent system oil for older designed crosshead diesel engine systems which have water cooled pistons where deposits can be a problem with lower quality system oils. Provides longer life compared conventional system oils. Blended with premium base oils and advanced additive package technology.

APPLICATIONS

Primarily for use as a system oil for late model, high output, crosshead diesel engines. Effective in preventing crankcase deposits.

BENEFITS

- Reduces deposits on pistons.
- Better piston cooling efficiency.
- Cleaner crankcase and circulation tanks.
- Longer bearing life.
- Protects critical bearing surfaces.
- Excellent rust/anti-corrosion properties.
- Enhanced load carrying and anti-wear performance.
- Enhanced detergency to improve thermal and oxidation stability.

Manufactured for:

Carteroil usa inc.
13930 Smith Rf
Humble TX 77396
United States.

MA12TBN40
Version 240304
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TYPICAL PROPERTIES

Test Parameter	Method	Typical
Specific Gravity @15 °C	ASTM D4052	0.865
API Gravity @ 15 °C, °	ASTM D4052	32.0
Kinematic Visc. @ 40 °C, cSt	ASTM D7042	86.3
Kinematic Visc. @ 100 °C, cSt	ASTM D7042	14.2
Viscosity Index	ASTM D2270	171
Flash Point, °C (°F)	ASTM D93	>194 (>381)
Pour Point, °C (°F)	ASTM D97	-30 (-22)
TBN	ASTM D2896	10.5 - 13.5

Average values. Minor variations are to be expected during normal manufacturing.