



# HD Marine Oil 9 TBN SAE 30

Diesel Engine System Oil

## DESCRIPTION

Marine Oil 9 TBN SAE 30 single grade motor oil is 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 Rd  
Humble TX 77396  
United States

MA09TBN30  
Version 240304  
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# HD Marine Oil 20 TBN SAE 40

Marine Trunk Piston Oil

## TYPICAL PROPERTIES

Test Parameter	Method	Typical
Specific Gravity @ 15 °C	ASTM D4052	0.860
API Gravity @ 15 °C, °	ASTM D4052	33.1
Kinematic Visc. @ 40 °C, cSt	ASTM D7042	67
Kinematic Visc. @ 100 °C, cSt	ASTM D7042	10.7
Viscosity Index	ASTM D2270	151
Flash Point, °C (°F)	ASTM D93	>177 (>350)
Pour Point, °C (°F)	ASTM D97	-30 (-22)
TBN	ASTM D2896	8 - 10

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

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