



**CARTEROIL®**

# **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®**

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

MA09TBN30  
Version 240304  
Page 1



**CARTEROIL®**

# HD Marine Oil 20 TBN SAE 40

Marine Trunk Piston Oil

## TYPICAL PROPERTIES

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

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



Manufactured for:



**CARTEROIL®**

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

MA09TBN30

Version 240304

Page 2