



# HD Marine Oil 40 TBN SAE 50

Marine Trunk Piston Oil

## DESCRIPTION

HD Marine Oil 40 TBN SAE 50 is a high-performance marine trunk piston engine oil designed to meet the demanding requirements of modern marine diesel engines. With a Total Base Number (TBN) of 40, this oil provides exceptional alkalinity reserve, ensuring effective neutralization of acidic combustion by-products and prolonged engine life.

## APPLICATIONS

Suitable for use in low to medium speed trunk piston engines typically found in marine applications. It is recommended for both two-stroke and four-stroke diesel engines, providing reliable protection and performance.

## BENEFITS

- Formulated with a TBN of 40, offering superior acid-neutralizing capabilities.
- Exhibits excellent oxidation stability, reducing sludge formation and extending oil change intervals. Provides
- effective corrosion protection for critical engine components, even in harsh marine environments. Contains
- anti-wear additives to minimize friction and wear, ensuring optimal engine performance and longevity.
- Compatible with a wide range of seals and materials commonly used in marine diesel engines, preventing leaks and maintaining system integrity.
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- Engineered to minimize soot emission, contributing to cleaner combustion and reduced environmental impact.

Manufactured for:



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

MA40TBN50  
Version 240304  
Page 1



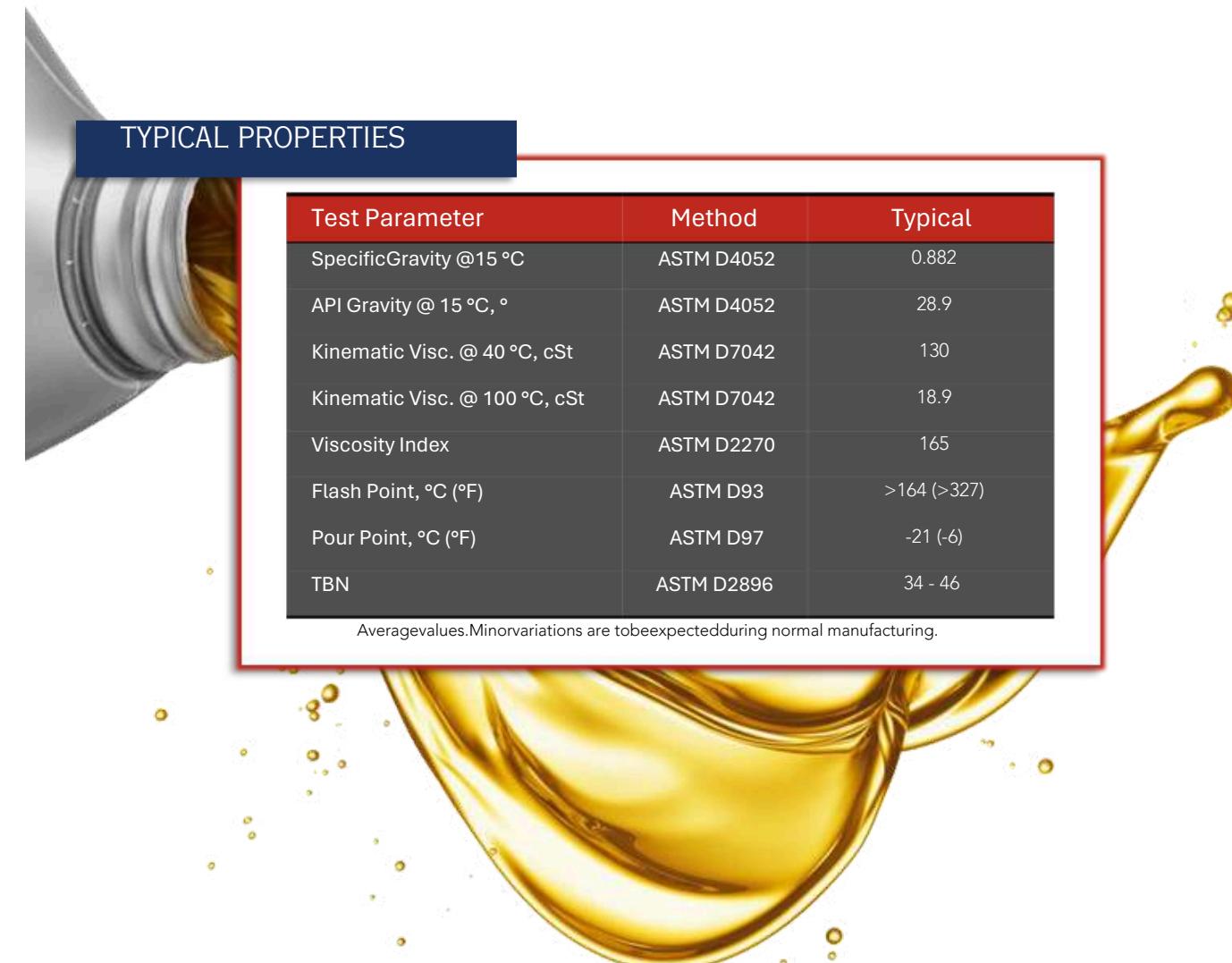
# HD Marine Oil 40 TBN SAE 40

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## TYPICAL PROPERTIES

Test Parameter	Method	Typical
Specific Gravity @15 °C	ASTM D4052	0.882
API Gravity @ 15 °C, °	ASTM D4052	28.9
Kinematic Visc. @ 40 °C, cSt	ASTM D7042	130
Kinematic Visc. @ 100 °C, cSt	ASTM D7042	18.9
Viscosity Index	ASTM D2270	165
Flash Point, °C (°F)	ASTM D93	>164 (>327)
Pour Point, °C (°F)	ASTM D97	-21 (-6)
TBN	ASTM D2896	34 - 46

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



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Page 2