

DESCRIPTION

HD Marine Oil 20 TBN SAE 40 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 20, 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 20, 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.

TYPICAL PROPERTIES

Test Parameter	Method	Typical
Specific Gravity @ 15 °C	ASTM D4052	0.867
API Gravity @ 15 °C, °	ASTM D4052	31.7
Kinematic Visc. @ 40 °C, cSt	ASTM D7042	91.2
Kinematic Visc. @ 100 °C, cSt	ASTM D7042	14.5
Viscosity Index	ASTM D2270	166
Flash Point, °C (°F)	ASTM D93	184 (363)
Pour Point, °C (°F)	ASTM D97	-27 (-17)
TBN	ASTM D2896	17 - 23

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