



HD Marine Oil 15 TBN SAE 40

Diesel Engine System Oil

DESCRIPTION

HD Marine Oil 15 TBN SAE 40 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 and 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.

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TYPICAL PROPERTIES

| Test Parameter | Method | Typical |
|-------------------------------|------------|-------------|
| Specific Gravity @15 °C | ASTM D4052 | 0.864 |
| API Gravity @ 15 °C, ° | ASTM D4052 | 32.3 |
| Kinematic Visc. @ 40 °C, cSt | ASTM D7042 | 88.6 |
| Kinematic Visc. @ 100 °C, cSt | ASTM D7042 | 14.1 |
| Viscosity Index | ASTM D2270 | 163 |
| Flash Point, °C (°F) | ASTM D93 | >194 (>381) |
| Pour Point, °C (°F) | ASTM D97 | -30 (-22) |
| TBN | ASTM D2896 | 12.8 - 17.2 |

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



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