



HORNET

(Cylinder oil & Trunk Piston Engine Oil)

HORNET is a multifunctional marine diesel engine oil recommended for system oils and low & High TBN Trunk Piston Engine Oils (TPEOs) for 4-stroke marine engines and engines operating with fuels of 1.5% sulphur and below as well as 4-stroke medium speed diesel engines fitted with centrifuge running on distillate fuel. It is exclusively formulated with premium base fluids and unique environmentally friendly additives system to provide exceptional thermal and oxidation stability that minimizes oil thickening at very high operating temperatures, excellent deposits control and minimized engine wear and tear.

The detergency level offers exceptional cleanliness including piston undercrown. It is also suitable for plain bearings of turbochargers, for most reduction gears, shaft bearings, stern tube and seals.

Meets the Specifications of:

- API CF

Typical Product Performance

Characteristics	Hornet 15500 SAE 40	Hornet 15000 SAE 50	Hornet 13000 SAE 30	Hornet 12000 SAE 40	Hornet 11000 SAE 30
Density @15 C, kg/l	0.886	0.892	0.885	0.886	0.885
Pour Point, C	-10	-15	-12	-10	-12
Flash Point, C (min)	230	238	230	230	230
Kinematic Viscosity, cSt					
@ 40 C	119.50	235.93	112.34	119.10	110.739
@ 100 C	13.21	20.37	12.598	13.18	12.585
Viscosity Index	110	100	109	108	105.85
TBN	40	40	11	11	7

The product typical may change without notice. However, the performance of the product would meet & exceed the API & OEM requirements.





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Customer Benefits

- Outstanding thermal- and oxidation stability and excellent detergency and dispersancy
 - Exceptional deposit control including oil-cooled piston undercrown
 - Leads to clean engine parts and spaces
 - Good viscosity- and insoluble control
 - Optimized oil consumption and longer oil change intervals
- Extended oil life due to efficient water separating properties and BN retention
- Rust- and corrosion properties
- Excellent wear protection, including piston grooves
- Approved by major engine manufacturers

Recommended Oil Interval Changes

We recommend that you follow the oil and filter change frequencies shown in your owner's manual. With the high-performance engine oil, you can have the confidence to go the full mileage or time frame recommended by the engine manufacturer.

