



PRODUCT DATA SHEET

Havens Trunk Piston Engine Oil 4040

Havens Trunk Piston Engine Oil 4040 specially designed for modern Medium Speed 4-stroke Engines running Intermediate Fuel Oil (IFO) or Heavy Fuel Oil (HFO).

DESCRIPTION

Havens Trunk Piston Engine Oil 4040 is a range of trunk piston engine oils developed for use in medium speed diesel engines burning residual fuels. This oil combines an exclusive formulation of latest additive technologies, and a highly refined base oil to provide a substantial safety margin to cope with the higher stress levels even with the latest and future designs of diesel engines.

PROPERTIES

- Excellent thermal resistance and high temperature oxidation resistance.
- Very good detergent and dispersant properties at high temperatures.
- Good wear protection and oil film strength at extreme pressures
- Excellent water resistance.
- Reduced build up heavy deposits in the engine leading to a reduction in maintenance costs.
- Very good neutralizing capability of acidic products of combustion.

APPLICATIONS

- Turbocharged main and auxiliary engines of all types and all ratings running on
- Intermediate Fuel oil or on Heavy Fuel oil with high sulphur content.
- Bearings and stern-tubes.
- Reduction gear lubrication.

TYPICAL PROPERTIES

Havens Trunk Piston Engine Oil 4040		
Typical Properties	SAE Grade	40
	TBN	40
Test Parameters	ASTM Method	Typical Values
Density @ 15°C, kg/l	ASTM D1298	0.91
Viscosity @ 100°C, cSt	ASTM D445	15
Viscosity @ 40°C, cSt	ASTM D445	150
Viscosity Index	ASTM D2270	100
Flash Point, °C	ASTM D92	≥ 230
BN, mg KOH/g	ASTM D2896	40.5

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The values shown above are typical values at the date of publication. Oscar Lubricants reserves the right to change these typical values without prior notice.