

Product Data Sheet

Sinova Marine TPEO 40 BN 12

Trunk piston engine oil

Product description

Sinova Marine TPEO 40 BN 12 is a high-quality detergent lubricant designed for medium-speed 4-stroke diesel engines operating on distillate fuel, serving as the primary propulsion, auxiliary power, and for power generation purposes. It complies with API CF performance requirements

Application

Sinova Marine TPEO 40 BN 12 is recommended for medium-speed engines in marine, power generation, and industrial applications running on distillate fuel with API CF diesel detergency specifications. It's also well-suited for various components such as plain bearings of turbochargers, most reduction gears, shaft bearings, stern tubes, and seals

Features & Benefits

- Outstanding thermal and oxidation stability
- Excellent deposit control capabilities
- Extended oil change intervals
- Efficient water separation properties with BN retention
- Comprehensive protection against rust and corrosion

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	13.80
Kinematic Viscosity at 40°C	cst	ASTM D 445	130.50
Viscosity Index	-	ASTM D 2270	min. 95
Flash Point, COC	°C	ASTM D 92	≥ 250
Pour Point	°C	ASTM D 7346	-18
TBN	mg KOH/g	ASTM D 2896	12.0
Sulphated Ash content	%	ASTM D4294	1.3
Density at 15°C	g/ml	ASTM D 4052	0.898

Typical property characteristics are based on current production. Whilst future production will conform to Sinova™ specifications, variations in these characteristics may occur.

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Performance claims

- MAN ES
- Wärtsilä

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.sinovagroup.ch

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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