

Sinova Marine CYN 50 BN 70

Cylinder Oil

Product description:

Sinova Marine CYN 50 BN 70 is an exceptional marine cylinder oil developed for modern low-speed crosshead diesel engines operating on residual fuels. The formulation includes ZDDP (Zinc Dialkyl Dithiophosphate) additive, providing superior anti-wear protection, excellent oxidation stability, and effective deposit control. It has been specifically engineered to meet the demanding performance requirements of contemporary marine engines while ensuring long-term reliability and engine cleanliness.

Application:

Sinova Marine CYN 50 BN 70 is recommended for all 2-stroke engines running on high-sulfur residual fuels. It can also serve as an alternative to lower BN products when using fuels compliant with IMO 2020 regulations.

Features & Benefits:

- Reduces cylinder and piston wear, extending service intervals.
- Prevents ring sticking and minimizes deposits in pistons, chambers, and exhaust areas.
- Maintains stability in ambient temperatures and during prolonged storage.

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	19.05
Kinematic Viscosity at 40°C	cst	ASTM D 445	219.7
Viscosity Index	-	ASTM D 2270	98
Flash Point, COC	°C	ASTM D 92	264
Pour Point	°C	ASTM D 7346	-21
TBN	mg KOH/g	ASTM D 2896	70.0
Element analysis			
-Ca			2.667
-P	%	ASTM D5291	0.034
-Zn			0.041
-N			0.017
S content	%	ASTM D874	0.48
Density at 15°C	g/ml	ASTM D 4052	0.920

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

Performance claims

- MAN ES
- WinGD

- J-ENG

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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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