

Sinova Marine CYN 50 BN 40 CAT I

Cylinder Oil

Product description:

Sinova Marine CYN 50 BN 40 CAT I is a marine cylinder lubricant specifically engineered for slow-speed 2-stroke engines employing low-sulfur residual fuels. It boasts enhanced detergency, excellent dispersancy, and exceptional resistance to wear, oxidation, and deposits.

Application:

Sinova Marine CYN 50 BN 40 CAT I is recommended for the cylinder lubrication of the newest, high-performance low-speed crosshead marine diesel engines operating on blended residual fuels. It is compatible with all fuels compliant with IMO 2020 and ECA 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	19.00
Kinematic Viscosity at 40°C	cst	ASTM D 445	211.8
Viscosity Index	-	ASTM D 2270	101
Flash Point, COC	°C	ASTM D 92	258
Pour Point	°C	ASTM D 7346	-24
TBN	mg KOH/g	ASTM D 2896	36.5
Density at 15°C	g/ml	ASTM D 4052	0.916

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
- CAT I

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Cylinder Oil**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

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.