

Sinova Marine CYN 50 BN 100

Cylinder Oil

Product description:

Sinova Marine CYN 50 BN 100 is a premium marine cylinder oil tailored explicitly for contemporary low-speed 2-stroke marine diesel engines that rely on high-sulfur heavy fuel oil (HFO). Formulated from a blend of highly refined base oils and precision-selected additives, it provides superior protection against ring and liner wear while maintaining sustained piston cleanliness in slow-speed crosshead diesel engines.

Application:

Sinova Marine CYN 50 BN 100 is recommended for all low-speed 2-stroke engines operating on residual fuels. It is also well-suited for vessels equipped with exhaust gas post-treatment systems.

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	19.50
Kinematic Viscosity at 40°C	cst	ASTM D 445	222.6
Viscosity Index	-	ASTM D 2270	100
Flash Point, COC	°C	ASTM D 92	272
Pour Point	°C	ASTM D 7346	-21
TBN	mg KOH/g	ASTM D 2896	100.0
Sulphated Ash content	%	ASTM D4294	12.0
Density at 15°C	g/ml	ASTM D 4052	0.945

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

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.