



Motex[®] S Outboard

High performance biodegradable two-cycle outboard engine lubricant

Customer benefits

Ashless keep-clean technology

Motex S Outboard is a premium quality solvent free biodegradable two-stroke outboard engine lubricant, formulated from synthetic (ester) base oils and superior performance ashless detergent and dispersant additive technologies, and mixes very easily with gasoline.

Formulated for use in water cooled outboard engines, Motex S is National Marine Manufacturers Association (NMMA) licensed for TC-W3[®] under number RL-34200G.

High-reliability operation

Motex S Outboard delivers complete protection and performance in high-speed operations. At high speeds and at high operating temperatures, it protects against cylinder wear caused by scuffing, and through its powerful detergency and dispersancy additive systems, prevents the formation of varnishes and other harmful deposits which cause sparkplug fouling, exhaust port clogging, ring sticking, and surface ignition problems.

Motex S also offers maximum protection against rust and the formation of other corrosive elements within the engine.

Applications

- Two-stroke water and most air-cooled outboard engines requiring NMMA TC-W3TM, TC-WII or TC-W oils.
- Suitable for pre-mixing, and use in oil-injected engines and is formulated for use in all engine manufacturers fuel/oil ratios.
- Miscible with all current types of leaded or unleaded gasoline and does not exhibit gel formation tendency.

Product features

Motex S Outboard advanced technology two-cycle lubricant provides powerful engine cleanliness in high temperature, high speed operation, resisting sludge and varnish formation, and offering excellent keep-clean engine reliability over long operating periods.

Approvals, performance and recommendations

Performance

- Licensed for NMMA TC-W3[®] under license number: RL-34200G.

Typical test data		
Test	Test methods	Results
Density, 15°C, kg/l	ASTM D4052	0.959
Visc, Kinematic, 40 °C, mm ² /s	ISO 3104	44
Visc, Kinematic, 100 °C, mm ² /s	ISO 3104	7.8
Pour Point, °C	ISO 3016	-39
Flash Point PM, °C	ASTM 93	112
Total Base Number, mg KOH/g	ISO 3771	8.2
Sulphated Ash, %wt	ASTM D0874	<0.01
Colour	Visual	Blue

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheets.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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