



## TITAN MARINE TC-W3

**Ultra high performance engine lubricant for Marine 2-stroke gasoline engines. For all outboard and personal watercraft engines with or without direct injection. Fulfils the latest requirements and is approved according to NMMA.**

### Description

TITAN MARINE TC-W3 is an ashless high performance marine 2-stroke lubricant for outboard engines. TITAN MARINE TC-W3 is especially developed for the requirements of the most advanced 2-stroke marine outboards. It ensures optimum performance and engine protection over the whole engine lifetime by preventing spark plug fouling and deposits in the combustion chamber and the exhaust gas after treatment system. TITAN MARINE TC-W3 is also applicable for use in engines with oil direct injection systems.

### Application

TITAN MARINE TC-W3 is especially developed for the use in high performance 2-stroke outboard and personal watercraft gasoline engines. TITAN MARINE TC-W3 meets the latest requirements and exceeds the technical requirements of many popular engine manufacturers and offers a wide range of application. The product is tested and approved according to the latest standards of NMMA (National Marine Manufacturers Association). These requirements guarantee and achieve a good engine performance by minimizing deposits and avoiding ignition plug problems.

In order to fully utilize the product's benefits, mixing with other engine oils should be avoided and a complete oil change is recommended when converting to TITAN MARINE TC-W3. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

### Advantages/Benefits

- Excellent engine cleanliness
- Optimum piston wear and corrosion protection
- Ignition plug protection
- Optimised viscosity to provide a stable homogeneous mixture even at low temperatures
- Excellent stability in unleaded fuel
- Prevents the formation of deposits in the combustion chamber and in the exhaust gas after treatment system

### Specifications

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### Approvals

- NMMA TC-W3

### FUCHS Recommendations

- BOMBARDIER
- SEADOO
- EVINRUDE
- JOHNSON
- KAWASAKI
- MARINER
- MERCURY
- YAMAHA
- SUZUKI
- TOHATSU

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## CHARACTERISTICS

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Density at 15 °C	ASTM D1298	0.872 g/ml
Colour		red
Viscosity Index	ASTM D2270	> 130
Kinematic Viscosity at 40°C	ASTM D445	53.2 mm <sup>2</sup> /s
Kinematic Viscosity at 100°C	ASTM D445	8.9 mm <sup>2</sup> /s
Base number	ASTM D2896	6.7 mgKOH/g

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We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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