

PENNZOIL MARINE OUTBOARD

NMMA TC-W3



Review Date: 7th July 2015

PRODUCT DESCRIPTION

Pennzoil Marine Outboard is an ash less oil specifically designed for use in modern water-cooled 2-stroke outboard engines. It has been formulated to confer the following performance characteristics thereby ensuring trouble-free operation.

APPLICATION

Pennzoil Marine Outboard is recommended for 2-stroke water-cooled outboard engines and suits for air-cooled and cross-flow deflector crown engine types. This oil is particularly suitable for engines where high fuel-oil ratios up to 50:1 are specified.

Pennzoil Marine Outboard conforms to NMMA TC-W3 classification covers applications for other 2-stroke engines where TC-WII or TC-W oils are specified.

BENEFITS

- Minimize combustion chamber deposits.
- Minimize pre-ignition and spark plug fouling.
- Minimize misfiring.
- Reduce exhaust port blocking.
- Superior corrosion protection both when use and laid up.

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TYPICAL PROPERTIES

TEST	METHOD	TYPICAL RESULT
Density @30°C, kg/l	ASTM D4052	0.8591
Kinematic Viscosity @40 °C, cSt	ASTM D445	51.2
@100 °C, cSt	ASTM D445	8.4
Viscosity Index	ASTM D2270	137
Flash Point, °C, Min	ASTM D92	172
Pour Point, °C, Min	ASTM D97	- 28
Colour		Green