



## Gulf Pride 3000 High Performance 2-Cycle Outboard Engine Oil

### Product Description

**Gulf Pride 3000** is high performance, ashless, 2-cycle engine oil developed to meet the most critical requirements of modern water cooled outboard engines. This oil is suitable for Direct Fuel Injection (DFI) outboard engines. It is designed for the harsh operating conditions of marine environment and exceeds the stringent performance requirements of the latest National Marine Manufacturers Association's specification NMMA TC-W3®. The advanced ashless additive technology used in this oil provides excellent lubricity and protection against wear & rust.

### Features & Benefits

- The latest additive technology helps in protecting the piston from scuffing, ensuring cleaner engines and minimizing combustion chamber deposits with negligible port clogging
- The special ashless detergents protect against piston ring sticking, spark plug fouling and preignition
- Special rust inhibitors guard against the formation of rust & corrosion even in marine salt water environment
- Ensures easy mixing and forms stable mixtures with gasoline even at low ambient temperatures

### Applications

- Recommended for and meets the warranty requirements of the latest high output 2-Cycle water cooled outboard engines requiring NMMA TC-W3® quality oils.
- Also recommended for 2-Cycle, water cooled outboard engines where NMMA TC-W2®, NMMA TC-W® or other general purpose lubricants are required
- Suitable for use in 2-Stroke DFI (Direct Fuel Injection) engines of Evinrude, Mercury, Yamaha, Nissan and Tohatsu requiring such quality oils
- It is suitable for adding as a premix with gasoline or injecting through variable ratio oil injection systems

### Specifications, Approvals & Typical Properties

Has the following Approvals			
NMMA		TC-W3® Registration Number: RL- 00400R	TC-W3® Registration Number: RL- 99340T
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity @ 100 °C, cSt	D445	8.1	6.8
Viscosity Index	D 2270	135	134
Flash Point, °C	D 92	90	62
Pour Point, °C	D 97	-33	-42
TBN, mg KOH/g	D 2896	5.9	4.7
Density @ 15°C, Kg/l	D 1298	0.870	0.859

**Note:** NMMA TC-W3® Registration Number is specific to formulation

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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