



# Gulf Pride DFI 3000

## Semi-Synthetic 2-Cycle Engine Oil for DFI Outboard Engines

### Product Description

**Gulf Pride DFI 3000** is high performance, semi-synthetic, 2-cycle engine oil specifically formulated and developed to meet the needs of most modern Direct Fuel Injected (DFI) 2-cycle 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 in marine environment
- Excellent lubricity for reduced friction and wear
- Ensures easy mixing and forms stable mixtures with gasoline even at low ambient temperatures

### Applications

- Oil is formulated specifically for the high demands of 2-Stroke DFI (Direct Fuel Injection) engines of Evinrude, Mercury, Yamaha, Nissan and Tohatsu requiring such quality oils
- Latest high output 2-Cycle, water cooled outboard engines where NMMA TC-W3®, NMMA TC-W2®, NMMA TC-W® or other general purpose lubricants are required
- It is suitable for adding as a premix with gasoline or injecting through variable ratio oil injection systems

### Specifications, Approvals & Typical Properties

Meets the following Specification		
NMMA TC-W3®		
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	6.2
Viscosity Index	D 2270	136
Flash Point, °C	D 92	55
Pour Point, °C	D 97	-42
TBN, mg KOH/g	D 2896	4.8
Density @ 15°C, Kg/l	D 1298	0.874

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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