



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 Specifications		
NMMA TC-W3®		
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D445	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 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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