



# 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 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

| Meets the following Specification |             |                |
|-----------------------------------|-------------|----------------|
| NMMA TC-W3®                       |             |                |
| Typical Properties                |             |                |
| Test Parameters                   | ASTM Method | Typical Values |
| Viscosity @ 100 °C, cSt           | D445        | 7.2            |
| Viscosity Index                   | D 2270      | 115            |
| Flash Point, °C                   | D 92        | 92             |
| Pour Point, °C                    | D 97        | -33            |
| TBN, mg KOH/g                     | D 2896      | 8.9            |
| Density @ 15°C, Kg/l              | D 1298      | 0.877          |

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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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