



PRODUCT DATA SHEET

MOTORCYCLE ENGINE OIL

DESCRIPTION

Petrogulf OUTBOARD 2T is high performance, ashless, 2-cycle engine oil developed to meet the most critical requirements of modern water-cooled 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.

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 TCW2®, NMMA TCW® 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

KEY 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.

PERFORMANCE LEVELS

- API NMMA
- API TC TC-W3 #RL-99050M

TYPICAL CHARACTERISTICS

TEST PARAMETER	TYPICAL VALUES
Kinematic Viscosity @40 °C mm ² /s	Report
Kinematic Viscosity @100°C mm ² /s	7.50
Viscosity Index	130
Density @ 15°C Kg/L	0.867
Pour Point ,°C	-33
Flash Point °C (PMCC)	96
Color ASTM	L2.0

**These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel injection is used.*

PRODUCT GRADE	OUTBOARD 2T
PRODUCT CODE	31400010001

Handling, Health and Safety

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.