



# PRODUCT DATA SHEET

## SUPER OUTBOARD

### Specialty Product

TCW 3  
Code:505

**SUPER OUTBOARD** is an ash less high performance two stroke engine oil for use in water cooled outboard applications.

#### SPECIFICATIONS

**SUPER OUTBOARD** meets or exceeds the following specifications.

- . API TD
- . ISO L-ETD
- . NMMA TCW 3

#### APPLICATIONS

**SUPER OUTBOARD** is a self-mixing oil, formulated with a special solvent to disperse quickly and readily throughout the fuel in the fuel tank and is suitable for oil injection systems often fitted to modern two stroke outboards.

**SUPER OUTBOARD** should be mixed with petrol in the ratios recommended by the engine manufacturer. In the absence of any information from the engine manufacturer, a 50 to 1 fuel/oil ratio would be an advisable starting point and may be leaned out to 100 to 1 as experience dictates.

**SUPER OUTBOARD** provides excellent protection from piston and exhaust deposits, exceptional anti-scuff protection, a high level of protection against sludge formation, spark plug fouling and exhaust port deposits, assisting in maintaining engine cleanliness in all water cooled two stroke outboard engines or air cooled engines.

**SUPER OUTBOARD** is suitable for Evinrude, Mercury, Yamaha, Tohaatsu, Johnson, Force, Suzuki, Mariner, motorcycles, lawnmowers, brushcutters, generators, pumps, agricultural machinery and chainsaws.

#### TYPICAL MAIN CHARACTERISTICS

CHARACTERISTICS	TCW3
Specific gravity at 15 c	0.87
Viscosity at 40c, mm <sup>2</sup> /s (cSt)	48.7
Viscosity 100c, mm <sup>2</sup> /s (cSt)	7.6
Viscosity index	110
Flash Point C	230
Colour	Green
Sulphated ash %	40 ppm

**PACKAGE SIZE** 1, 5, 20 & 205 Litre

Due to continual product research and development, the information contained herein is subject to formulation change without notice.

Values stated are average values only and may vary due to manufacturing tolerances.