

TECHNICAL DATA SHEET | AUTOMOTIVE

Engen Super Outboard TC-W3

Two Stroke Outboard Ashless Engine Oil (TC-W3)



PETRONAS

Engen is a
member of the
PETRONAS Group

Description

Super Outboard TC-W3 is a high quality, ashless detergent, two stroke outboard motor oil. It exceeds the performance requirements of NMMA TC-W3® and contains specialised additives e.g., anti-wear, antioxidant, anti-rust, anti-corrosion, and other additives. These are designed to fully control deposits, ring sticking and avoid plug fouling and pre-ignition.

Super Outboard TC-W3 is a SAE 40 oil - prediluted to SAE 20 for rapid mixing in petrol.

Application

Super Outboard TC-W3 is recommended for use in all high output, water cooled two stroke engines including:

- | | |
|--------------------|-------------|
| • Archimedes-Penta | • Mariner |
| • British Anzani | • Mercury |
| • Carniti | • Penta |
| • Chrysler | • Seagull |
| • Crescent | • Tohatsu, |
| • Evinrude | • West Bend |
| • Johnson | • Yamaha |

Super Outboard TC-W3 may be used either as a premix in engine fuel, or in a separate tank supplying a positive injection system.

Benefits & Features

- Easy starting, smooth engine performance.
- Outstanding lubrication protection at all speeds and loads.
- Correct spark-plug operation and longer plug life.
- Minimum deposits, thus keeping rings free, minimizing blowby and promoting efficient scavenging to maintain peak performance.

Performance Level

Meets or exceeds the following Industry Standards:

- NMMA (National Marine Manufacturers Association) TC-W3® (license number R-80170)



With us you are Number One

ENGEN

Typical Physical Characteristics

ENGEN SUPER OUTBOARD TC-W3			
PARAMETERS	METHODS	UNITS	TYPICAL VALUES
SAE No. (with diluent)	-	-	20
Viscosity @ 40°C	ASTM D445	cSt	42
Viscosity @ 100°C	ASTM D445	cSt	7,1
Viscosity Index	ASTM D2270	-	130
Flash Point	ASTM D92	°C	90
Pour Point	ASTM D5950	°C	-30
Sulphated Ash	ASTM D874	% m/m	Nil
Colour, Visual	-	-	Blue-Green

All technical data is provided for reference only. These characteristics are typical of current production. Whilst future production will conform to Engen's specification, variations in these characteristics may occur.

11.2021

Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil, or water. For further detail regarding storage, safe handling, and disposal of product, please refer to Product SDS. Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility shall be taken by either Engen or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortuous action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representatives in the event you require any further information.

For more information about this product and other products in our range please scan the following:



+27 8600 36436

With us you are Number One

