

# PRODUCT DATA

## Castrol Outboard 2T

### PRODUCT DESCRIPTION

**Castrol Outboard 2T** is an ashless 2 stroke outboard engine lubricant for use in oil injected and premix outboard engines. **Castrol Outboard 2T** is also suitable for water-cooled two stroke jet skis.

**Castrol Outboard 2T** provides a very good level of cleanliness and engine protection.

### PRODUCT APPLICATION

**Castrol Outboard 2T** is suitable for outboard engines with either oil injection or pre-mix type lubrication systems where NMMA TC-W3™ specification is called for. It can be used at fuel/oil ratios up to 100:1, always in accordance with manufacturer recommendation.

By exceeding TC-W3™ specifications, **Castrol Outboard 2T** is recommended where the previous specifications of TC-2, TC-W and TC-WII® are nominated.

### PRODUCT FEATURES & BENEFITS

- Minimises the build up of carbon deposits and lacquer in the piston ring grooves, thereby reducing the risk of ring sticking
- Light burning, ashless formulation prevents pre-ignition, plug fouling and exhaust port blocking
- Forms a strong oil film with high resistance to temperature and load, thus ensuring effective bearing protection and preventing scuffing in the piston / cylinder contact area
- Effectively protects metal surfaces from corrosion
- Fully miscible with all fuels at ratios up to 100:1, as specified by the equipment manufacturer
- Excellent moisture tolerance



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## TYPICAL CHARACTERISTICS

Colour	Density @ 15 °C g/ml	Viscosity Index	Pour Point (°C)	Viscosity @40°C	Flash Point (°C) PMCC
Green	0.878	132	-42	53.9	108

## PERFORMANCE LEVELS

- NMMA TC-W3™

## PETROL MIXING CHART

Ratio Petrol to oil	Litres (L) of Petrol to ml of oil					
	1 litre	5 litres	10 litres	20 litres	50 litres	100 litres
20:1	50ml	250ml	500ml	1.0L	2.5L	5.0L
25:1	40ml	200ml	400ml	800ml	2.0L	4.0L
30:1	33ml	167ml	333ml	667ml	1.7L	3.3L
32:1	31ml	156ml	312ml	625ml	1.6L	3.1L
40:1	25ml	125ml	250ml	500ml	1.25L	2.5L
50:1	20ml	100ml	200ml	400ml	1.0L	2.0L
75:1	13ml	67ml	133ml	267ml	670ml	1.33L
100:1	10ml	50ml	100ml	200ml	500ml	1.0L

## HEALTH, SAFETY & ENVIRONMENT

**Castrol Outboard 2T** is considered is considered non-hazardous in accordance with the HSNO Act. However, in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data sheet be followed.

### Spillage

- Small:** Soak up using an inert mineral adsorbent such as Castrol MOP and dispose of in the appropriate manner.
- Large:** Corrective action usually dictated by individual company safety procedures. Immediate containment and subsequent removal is essential.
- Disposal:** Oily materials must not be allowed to enter groundwater, watercourses, sewerage or drainage systems. Refer to local Waste Disposal Authority for legal requirements.

### Product Removal

- Bare Metal Surfaces:** Remove with Castrol solvent cleaners or water based degreasers.
- Hand Cleaning:** Use any of the Castrol range of hand cleaners, e.g. CareClean Plus.
- Other Surfaces:** Contact the Castrol Technical Advice Line on 0800 10 40 60.

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Although all reasonable care has been taken to ensure that the information contained in this publication is accurate as at the time of printing, such information is nevertheless liable to variation in the event of changes occurring subsequent to the date of printing it: the blend formulation, methods of storage, or due to the improper handling or application of any of the products referred to, or in the requirements of any specification or approval relating to any of the products.

For more information contact: Castrol NZ (A Business Division of BP Oil New Zealand Limited)  
Technical Advice Line: 0800 10 40 60  
Customer Service: 0800 CASTROL (227 876)

[www.castrol.com/nz](http://www.castrol.com/nz)

