

Product data

R2 Racingbike

Product Description

Castrol R2 Racingbike is a full synthetic two-stroke engine oil suitable for use in all two-stroke Japanese and European motorcycle engines, running on either leaded or unleaded fuel, including all off-road models.

Castrol R2 Racingbike advanced formulation offers enhanced engine performance for improved rider throttle response and acceleration from start. **Castrol R2 Racingbike** has been especially engineered to provide fast burn and high protection and is designed to release the full potential from highly tuned motorcycles.

Product Application

Castrol R2 Racingbike provides superior lubrication for most competition, street and off-road motorcycles and is our prime recommendation whenever two-stroke motorcycle engines will be highly stressed (but running at or less than 15,000 RPM), such as in racing. It may also be used wherever Castrol TTS is recommended.

Note: **Castrol R2 Racingbike** is not suitable for use with methanol (alcohol) base fuels. Castrol M is recommended in these applications (see Product & Technical Data Sheet B861/91/1).

For some competition applications, particularly for very high engine speeds (typically greater than 15,000 RPM), Castrol A747 is the prime recommendation (see the Product & Technical Data Sheet B1109/95/1).

Castrol R2 Racingbike is not recommended for water-cooled two-stroke marine outboards. Castrol Super Outboard 2-Stroke oil (mineral) or Castrol Biolube 100 (synthetic) are recommended for those applications.

Product Features & Benefits

Castrol R2 Racingbike offers the following key benefits:

- ◆ Advanced formulation minimizes deposits in combustion chamber and exhaust.
- ◆ Improved acceleration from start.
- ◆ Reduces exhaust smoke emissions.
- ◆ Maximum and sustained engine performance under racing conditions.
- ◆ Superior engine cleanliness promoting longer engine life through
 - limiting pre-ignition and spark plug deposits;
 - limiting ring-sticking, scuffing and corrosion.
- ◆ Superior high temperature performance under racing conditions.
- ◆ Superior lubricity protecting bearings and resisting piston seizure.
- ◆ Suitable for both oil injection and premix lubrication, up to a fuel/oil ratio of 50:1.
- ◆ Exceeds the requirements of JASO FC.
- ◆ Dyed green for identification.

Typical Characteristics

SAE Viscosity Rating	Density @ 15°C	KV @ 100°C	KV @ 40°C	Closed Flash Point °C	Sulphated Ash % mass	Colour
20	0.878	7.0	36.0	87	0.12	Green

Performance Levels

Product exceeds JASO FC. JASO Registration No. 044CAS309.

Health, Safety and Environment

Castrol R2 Racingbike is considered non-hazardous according to Worksafe. 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 Diatomaceous Earth 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 your local Special Products Division in each State Office.

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 Australia Pty Limited (ABN 87 008 459 407)

Technical Advice Line: 1800 002 285

www.castrol.com.au

Sydney: (02) 9795 4800 Fax: (02) 9795 4815
Melbourne: (03) 9268 4200 Fax: (03) 9268 3915
Brisbane: (07) 3850 9300 Fax: (07) 3850 9399
Adelaide: (08) 8347 6200 Fax: (08) 8449 1800
Perth: (08) 9268 9288 Fax: (08) 9268 9235

