



## Castrol R 40

For highly stressed engines

### Description

Castrol R 40 is a castor-based lubricant containing specially prepared additives to prevent rapid deterioration through oxidation. Its superior oiliness over mineral oils, imparted by the chemical structure of its components, gives it a great affinity for hot surfaces and provides excellent load-carrying properties which is an important consideration with highly stressed engines running at peak revolutions.

### Application

Recommended for highly stressed engines running at peak revolutions. Also recommended for classic motorcycles.

Where special cam shafts are fitted, there may be a case for using Castrol R 40 as the small areas in contact will be heavily loaded especially where double valve springs are fitted.

### Advantages

- Suitable for both four and two stroke racing engines
- Specially formulated for racing car and bike engines
- Provides outstanding lubricity and load carrying capacity

## Typical Characteristics

| Name                      | Method     | Units              | Typical          |
|---------------------------|------------|--------------------|------------------|
| Density @ 15C, Relative   | ASTM D4052 | g/ml               | 0.96             |
| Appearance                | Visual     | -                  | Clear and Bright |
| Viscosity, Kinematic 100C | ASTM D445  | mm <sup>2</sup> /s | 14.7             |
| Viscosity, Kinematic 40C  | ASTM D445  | mm <sup>2</sup> /s | 142              |
| Viscosity Index           | ASTM D2270 | None               | 101              |
| Flash Point, PMCC         | ASTM D93   | °C                 | 170              |

## Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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