



Product Data Sheet

## Castrol Magnatec 10W-40

Instant protection from the moment you turn the key

### Description

Up to 75% of engine wear happens while your engine warms up. When the engine stops, oil drains off critical engine parts, however Castrol MAGNATEC's Intelligent Molecules don't. They cling to the engine like a magnet, providing an extra layer of protection.

Castrol MAGNATEC's formulation protects from the moment you start, dramatically reducing engine wear\*.

Castrol MAGNATEC. Non-stop protection from every start.

\*As tested in the industry Sequence IVA wear tes

### Application

Castrol Magnatec 10W-40 is suitable for use in automotive gasoline and diesel engines where the manufacturer recommends an ACEA A3/B4, API SP or earlier specification 10W-40 lubricant.

### Advantages

Castrol MAGNATEC's Intelligent Molecules:

- Cling to engine parts when the oil drains down
- Adsorbs to metal surfaces to make engine parts more resistant to wear
- Are combined with synthetic technology to provide increased protection in high and low temperature applications
- Provide continuous protection for different driving conditions, styles and temperatures

## Typical Characteristics

| Name                      | Method     | Units              | Castrol Magnatec 10W-40 |
|---------------------------|------------|--------------------|-------------------------|
| Density @ 15C, Relative   | ASTM D4052 | g/ml               | 0.864                   |
| Viscosity, Kinematic 100C | ASTM D445  | mm <sup>2</sup> /s | 14.2                    |
| Viscosity, CCS -25C (10W) | ASTM D5293 | mPa.s (cP)         | 6170                    |
| Viscosity, Kinematic 40C  | ASTM D445  | mm <sup>2</sup> /s | 97                      |
| Viscosity Index           | ASTM D2270 | None               | 150                     |
| Pour Point                | ASTM D97   | °C                 | -42                     |
| Flash Point, PMCC         | ASTM D93   | °C                 | 206                     |
| Ash, Sulphated            | ASTM D874  | % w t              | 1.1                     |

## Product Performance Claims

ACEA A3/B4  
API SP

## 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.

Castrol Magnatec 10W-40  
20 Nov 2023

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Singapore Pte. Limited (202034037D), 7 Straits View, Marina One East Tower, #26-01, Singapore 018936  
Phone No : 800-120-7082  
www.castrol.com