



## 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 unique formulation protects from the moment you turn the key, dramatically reducing\* engine wear.

Now with ultra-refined molecules, for protection you can see, hear and feel.

Castrol Magnatec. Instant protection from the moment you turn the key.

*\*As tested in the industry Sequence IVA wear test.*

### Application

Castrol Magnatec 10W-40 is suitable for use in automotive gasoline and diesel engines where the manufacturer recommends an ACEA A3/B3, API SN or earlier specification 10W-40 lubricant

### Advantages

Castrol Magnatec's Intelligent Molecules:

- Cling to critical engine parts when the oil drains down
- Cling to your engine forming an extra layer that protects during start up and beyond;
- Bond 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 all driving conditions, styles and temperatures

## Typical Characteristics

Name	Method	Units	Castrol Magnatec 10W-40
Density @ 15C, Relative	ASTM D4052	g/ml	0.8679
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	14.4
Viscosity, CCS -25C (10W)	ASTM D5293	mPa.s (cP)	6480
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	99
Viscosity Index	ASTM D2270	None	151
Pour Point	ASTM D97	°C	-39
Flash Point, PMCC	ASTM D93	°C	199
Ash, Sulphated	ASTM D874	% wt	0.98

## Product Performance Claims

ACEA A3/B3  
API SN

## 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  
17 Sep 2012

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.

BP-Castrol (Thailand) Limited, 3 South Sathon Road, Yannawa, Sathon, Bangkok 10120, Thailand  
Technical Advice Line: 662 684 3591 Customer Service: 662 684 3555  
[www.castrol.com](http://www.castrol.com)