Product Data Sheet

Castrol MAGNATEC 10W-40

Clinging molecules, reinvented

Description

Traffic congestion has increased dramatically; today even a normal driver can stop and start up to 18,000 times[1] a year. That's annoying, but worse, it slowly damages your engine – permanently.

Unlike any other oil, Castrol MAGNATEC's **breakthrough DUALOCK molecules** cling to critical engine parts and lock together to:

- Form a powerful force field of protection
- Dramatically reduce both warm-up and stop-start wear by up to 50%[2]
- Deliver unique patented protection designed specifically for modern driving

Non-stop protection from every start

1. Global average from 50 cities, Castrol MAGNATEC STOP-START Index 2014
2. Tested in the Sequence IVA and OM646LA tests versus industry limits

Application

Castrol MAGNATEC 10W-40 is suitable for use in automotive gasoline engines where the manufacturer recommends an API SN or earlier specification 10W-40 lubricant.

Typical Characteristics

Name	Method	Units	Castrol MAGNATEC 10W-40
Density @ 15C, Relative	ASTM D4052	g/ml	0.867
Viscosity, Kinematic 100C	ASTM D445	mm²/s	13.8
Viscosity, CCS -25C (10W)	ASTM D5293	mPa.s (cP)	6400
Viscosity, Kinematic 40C	ASTM D445	mm²/s	93
Viscosity Index	ASTM D2270	None	150
Pour Point	ASTM D97	°C	-42
Flash Point, PMCC	ASTM D93	°C	203
Ash, Sulphated	ASTM D874	% wt	0.92

Product Performance Claims

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, 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