Product Data

Magnatec 10W-40 A/B

Non-stop protection from every start

Description

Clinging molecules, reinvented.

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.

Uniquely, 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[2] and stop-start[3] wear by 50%
- 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 versus the Sequence IVA API SN wear limit.
[3] Tested versus the CEC OM646LA ACEA wear limits.

Application

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

Castrol MAGNATEC 10W-40 A/B is approved for use in vehicles from leading manufacturers, please refer to the specifications section and your owners handbook.

Typical Characteristics

Name	Method	Units	Castrol Magnatec 10W-40 A/B
Density @ 15C, Relative	ASTM D4052	g/ml	0.869
Viscosity, Kinematic 100C	ASTM D445	mm²/s	14.4
Viscosity, CCS -25C (10W)	ASTM D5293	mPa.s (cP)	6396
Viscosity, Kinematic 40C	ASTM D445	mm²/s	98
Viscosity Index	ASTM D2270	None	152
Pour Point	ASTM D97	°C	-36
Flash Point, PMCC	ASTM D93	°C	203
Ash, Sulphated	ASTM D874	% wt	1.1

Product Performance Claims

ACEA A3/B4
API SP
Meets - Fiat 9.55535-D2
MB-Approval 229.3
VW 501 01/ 505 00

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.

Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

www.castrol.com