



Product Data

MAGNATEC 5W-40 A3/B4

NON-STOP PROTECTION FROM EVERY START

Description

Castrol MAGNATEC has been developed to meet the unique demands of modern driving.

75% of engine wear can happen when we start the ignition. And acceleration, slowing down, and idling journeys in city driving only increase this strain. That means every congested commute, weekend getaway, and shopping trip may increase engine wear.

Castrol MAGNATEC clings like a magnet to critical engine parts and locks in place to deliver 50% better engine wear protection*. Helping to safeguard your engine's vital components - the valvetrain, timing chain, pistons, and bearings - from damage and wear.

Choose non-stop protection from every start. Choose Castrol MAGNATEC.

For more product information, visit castrol.com.

#ClingsLocksProtects

* Tested using an industry standard wear test, measured versus relevant industry limit.

Application

Castrol MAGNATEC 5W-40 A3/B4 is suitable for use in automotive gasoline and diesel vehicles where the manufacturer recommends an ACEA A3/B4, API SP or earlier specification 5W-40 lubricant.

Advantages

Castrol MAGNATEC clings, locks, and protects to deliver 50% better engine wear protection*.

Helping to safeguard your engine's vital components by:

- Forming a resistive barrier between metal contact points in the valvetrain
- Managing abrasive piston deposits, guarding against cylinder liner wear
- Maintaining timing chain tension and engine synchronicity by minimising chain damage and elongation
- Preserving engine bearings from corrosive wear.

* Tested using an industry standard wear test, measured versus relevant industry limit.

Typical Characteristics

Name	Method	Units	Castrol Magnatec 5W-40 A3/B4
Density @ 15C, Relative	ASTM D4052	g/ml	0.852
Viscosity, Kinematic 100C	ASTM D445	mm²/s	14.0
Viscosity, Kinematic 40C	ASTM D445	mm²/s	82
Viscosity Index	ASTM D2270	None	178
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	6100
Pour Point	ASTM D97	°C	-33
Flash Point, PMCC	ASTM D93	°C	200
Ash, Sulphated	ASTM D874	% w t	1.1

Product Performance Claims

ACEA A3/B4

API SP

MB-Approval 226.5/ 229.5

Renault RN 0700 / RN 0710

VW 502 00/ 505 00

Warranted by Castrol to be completely suitable for use in vehicles where the following specifications apply: MB 229.3

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.

MAGNATEC 5W-40 A3/B4

11 Feb 2025

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. 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

Orders/Enquiries: 0345 6008125 Technical Enquiries: 0345 082 1719 BP (Ireland) Ireland Orders/Enquiries: 1850 930 3942 Ireland Technical Enquiries: 1800 509 353

www.castrol.com/uk