



Product Data

Castrol MAGNATEC Professional A3 5W-40

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 times¹ a year. That's annoying, but worse, it slowly damages your engine – permanently. Castrol MAGNATEC's unique breakthrough DUALOCK molecules cling to critical engine parts and lock together to protect.

Castrol MAGNATEC. Non-stop protection from every start.

¹ Global average from 50 cities, Castrol MAGNATEC STOP-START Index 2014

Application

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

Advantages

Castrol MAGNATEC's unique breakthrough DUALOCK molecules cling to critical engine parts and lock together to:

- Form a powerful force field of protection
- Dramatically reduce both warm-up² and stop-start³ wear by 50%
- Deliver protection designed specifically for modern driving

² Tested versus the Sequence IVA API SN wear limit

³ Tested versus the CEC OM646LA ACEA wear limit

Typical Characteristics

Name	Method	Units	Castrol MAGNATEC Professional A3 5W-40
Density @ 15C, Relative	ASTM D4052	g/ml	0.852
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	14.1
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	83
Viscosity Index	ASTM D2270	None	177
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	6130
Pour Point	ASTM D97	°C	-33
Flash Point, PMCC	ASTM D93	°C	200
Ash, Sulphated	ASTM D874	% wt	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

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.

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12 Jan 2024

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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