



## Castrol MAGNATEC 5W-40 A3/B4

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<sup>1</sup> 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<sup>2</sup> and stop-start<sup>3</sup> wear by 50%
- Deliver unique protection designed specifically for modern driving

Non-stop protection from every start.

<sup>1</sup> Global average from 50 cities, Castrol MAGNATEC STOP-START Index 2014

<sup>2</sup> Tested versus the Sequence IVA API SN wear limit.

<sup>3</sup> Tested versus the CEC OM646LA ACEA wear limits.

### Application

Castrol MAGNATEC 5W-40 A3/B4 is suitable for use in automotive gasoline and diesel engines where the manufacturer recommends an ACEA A3/B4, API SN 5W-40 Lubricant.

Castrol MAGNATEC 5W-40 A3/B4 is approved for use in vehicles from leading manufacturers please refer to the specification section and your owners handbook.

## Typical Characteristics

Name	Method	Units	Castrol MAGNATEC 5W-40 A3/B4
Density @ 15C, Relative	ASTM D4052	g/ml	0.855
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	13.7
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	6400
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	86
Viscosity Index	ASTM D2270	None	161
Pour Point	ASTM D97	°C	-42
Flash Point, PMCC	ASTM D93	°C	203
Ash, Sulphated	ASTM D874	% wt	1.3

## Product Performance Claims

ACEA A3/B4

API SN

MB-Approval 226.5/ 229.3/ 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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