



## Castrol MAGNATEC STOP-START 5W-30 A3/B4

CLINGING MOLECULES PROTECT AGAINST STOP-START WEAR

### Description

Today even a normal driver can stop and start as many as 18,000 times a year. And all that idling in traffic or waiting at junctions causes microscopic wear in your engine.

In the latest industry test, New Castrol MAGNATEC STOP-START 5W-30 A3/B4 gives significantly less wear in STOP-START operation\*.

New Castrol MAGNATEC STOP-START 5W-30 A3/B4 has intelligent molecules that cling, and form a self-healing layer so it's always ready to protect at each of the critical stages of stop-start driving.

Castrol MAGNATEC STOP-START 5W-30 A3/B4. Instant Protection From The Moment You Start. **Every Time You Start.**

*\*As tested in the industry OM646LA test*

### Application

Castrol MAGNATEC STOP-START 5W-30 A3/B4 is suitable for use in automotive gasoline and diesel engines where the manufacturer recommends an ACEA A3/B3, A3/B4, API SL/CF or earlier specification 5W-30 lubricant.

Castrol MAGNATEC STOP-START 5W-30 A3/B4 is approved for use in vehicles by leading manufacturers please refer to your owners handbook and the specifications section.

### Advantages

Castrol MAGNATEC STOP-START 5W-30 contains intelligent molecules that:

- Cling to engine parts when the oil drains down
- Form a self-healing layer to protect at each of the critical stages of stop-start driving and beyond.
- Are proven to reduce wear in stop-start operation.

## Typical Characteristics

Name	Method	Units	Castrol MAGNATEC STOP-START 5W-30 A3/B4
Density @ 15C, Relative	ASTM D4052	g/ml	0.852
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	12.1
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	5600
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	71
Viscosity Index	ASTM D2270	None	168
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	210
Ash, Sulphated	ASTM D874	% wt	1.1

## Product Performance Claims

ACEA A3/B3, A3/B4  
API SL/CF  
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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25 Jan 2019

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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](http://www.castrol.com/uk)