



## Castrol MAGNATEC 5W-30 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 patented 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-30 A3/B4 is suitable for use in automotive gasoline and diesel vehicles where the manufacturer recommends and ACEA A3/B4, API SL or earlier specification 5W-30 lubricant.

Castrol MAGNATEC 5W-30 A3/B4 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 MAGANTEC 5W-30 A3/B4 |
|---------------------------|------------|--------------------|------------------------------|
| Density @ 15C, Relative   | ASTM D4052 | g/ml               | 0.855                        |
| Viscosity, Kinematic 100C | ASTM D445  | mm <sup>2</sup> /s | 12                           |
| Viscosity, CCS -30C (5W)  | ASTM D5293 | mPa.s (cP)         | 6400                         |
| Viscosity, Kinematic 40C  | ASTM D445  | mm <sup>2</sup> /s | 73                           |
| Viscosity Index           | ASTM D2270 | None               | 161                          |
| Pour Point                | ASTM D97   | °C                 | -43                          |
| Flash Point, PMCC         | ASTM D93   | °C                 | 201                          |
| Ash, Sulphated            | ASTM D874  | % wt               | 1.3                          |

## Product Performance Claims

ACEA A3/B4  
API SL  
MB-Approval 226.5  
MB-Approval 229.3  
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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