

## Castrol Magnatec 5W-40 A3/B4

Instant protection from the moment you turn the key

### Description

Up to 75% of engine wear happens while your engine warms up. When the engine stops oil drains off critical engine parts, however Castrol Magnatec's intelligent molecules don't. They cling to the engine like a magnet providing an extra layer of protection.

Castrol Magnatec's unique formulation protects from the moment you turn the key, dramatically reducing\* engine wear. Now with ultra-refined molecules, for protection you can see, hear and feel. Castrol Magnatec. Instant protection from the moment you turn the key.

*\*As tested in the industry Sequence IVA wear test.*

### Application

Castrol Magnatec 5W-40 A3/B4 is suitable for use in automotive petrol and diesel engines where the manufacturer recommends an ACEA A3/B4, A3/B3, API SN/CF or earlier specification 5W-40 lubricant.

Castrol Magnatec 5W-40 A3/B4 is approved for use in vehicles from leading manufacturers, please refer to the specifications section and your vehicle handbook.

### Advantages

Castrol Magnatec's Intelligent Molecules:

- Cling to critical engine parts when the oil drains down.
- Cling to your engine forming an extra layer that protects during start up and beyond.
- Bond to metal surfaces to make engine parts more resistant to wear.
- It is a fully synthetic product to provide increased protection in high and low temperature applications.
- Provide continuous protection for all driving conditions, styles and temperatures.

Castrol Magnatec 5W-40 A3/B4 delivers superior performance under extreme cold start up conditions relative to thicker grades.

### Typical Characteristics

| Name                      | Method     | Units              | Castrol Magnatec 5W-40 A3/B4 |
|---------------------------|------------|--------------------|------------------------------|
| Density @ 15C, Relative   | ASTM D4052 | g/ml               | 0.853                        |
| Viscosity, Kinematic 100C | ASTM D445  | mm <sup>2</sup> /s | 13.8                         |
| Viscosity, CCS -30C (5W)  | ASTM D5293 | mPa.s (cP)         | 6180                         |
| Viscosity, Kinematic 40C  | ASTM D445  | mm <sup>2</sup> /s | 83.4                         |
| Viscosity Index           | ASTM D2270 | None               | 170                          |
| Pour Point                | ASTM D5950 | °C                 | -39                          |
| Flash Point, PMCC         | ASTM D93   | °C                 | 210                          |
| Ash, Sulphated            | ASTM D482  | % wt               | 1.18                         |

## Product Performance Claims

ACEA A3/B3, A3/B4  
API SN/CF  
BMW Longlife-01  
MB-Approval 226.5/ 229.3  
Renault RN0700 / RN0710  
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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