

# Technical Data Sheet

Castrol

Magnatec

5W-40

IT'S MORE THAN JUST OIL.  
IT'S LIQUID ENGINEERING.



## Product Data

### **Castrol Magnatec 5W-40**



#### **Description**

Up to %75 of engine wear happens while your engine warms up. When the engine stops oils drain 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 start, dramatically reducing engine wear. Castrol Magnatec's molecules are always there, always ready. Castrol MAGNATEC Instant Protection From The Moment You Start.

#### **Applications**

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

#### **Advantages**

Castrol MAGNATEC's Intelligent Molecules also:

- Cling to critical engine parts when the oil drains down
- Add a layer of protection during warm 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
- Provide continuous protection for all driving conditions, styles and temperatures

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# Typical Characteristics

## Castrol Magnatec 5W-40

### Chemical – physical properties

Name	Methods	Units	Value
Density @15C	ASTM D1298	g/ml	0.8522
Viscosity, Kinematic 100 oC	ASTM D445	mm <sup>2</sup> /s	14.5
Viscosity, Kinematic 40 oC	ASTM D445	mm <sup>2</sup> /s	89.9
Viscosity Index	ASTM D2270	None	173
Flash Point, COC	ASTMD93	°C	230
Pour Point	ASTMD97	°C	- 42
Total Base Number, TBN	ASTMD2896	mg KOH/g	10.1

### Product Performance Claims

ACEA A3/B4  
API SN/CF  
MB-Approval 229.3  
Porsche A40  
Opel A/B  
Renault RN0700 / RN0710  
VW 505.00 / 502.00

### 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 °60C, exposed to hot sun or freezing conditions.

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