



## Castrol Magnatec 5W-40 C3

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 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 ready to protect from the moment you turn the key.

Castrol Magnatec's molecules are always there, always ready, dramatically reducing\* engine wear when the most damage happens; as your car warms up.

Castrol Magnatec. Instant protection from the moment you turn the key.

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

### Application

Castrol Magnatec 5W-40 C3 is suitable for use in automotive gasoline and diesel engines where the manufacturer recommends an ACEA A3/B3, A3/B4, C3, API SM/CF or earlier specification 5W-40 lubricant.

Castrol Magnatec 5W-40 C3 is approved for use in cars from a wide variety of manufacturers, please refer to specifications 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;
- Are combined with synthetic technology to provide increased protection in high and low temperature applications;
- Provide continuous protection for all driving conditions, styles and temperatures;

Castrol Magnatec 5W-40 C3 also delivers superior performance under extreme cold start up conditions.

## Typical Characteristics

Name	Method	Units	Castrol Magnatec 5W-40 C3
Density @ 15C, Relative	ASTM D4052	g/ml	0.85
Appearance	Visual	-	amber with slight haze
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	13.2
Viscosity, CCS -30C	ASTM D5293	mPa.s (cP)	6100
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	80
Viscosity Index	ASTM D2270	None	164
Pour Point	ASTM D97	°C	-48
Ash, Sulphated	ASTM D874	% wt	0.7
Flash Point PMCC	ASTM D93	°C	200

## Product Performance Claims

ACEA A3/B3, A3/B4, C3  
API SM/CF  
BMW Longlife 04  
MB-Approval 229.31  
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.

Castrol Magnatec 5W-40 C3  
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