



## Castrol MAGNATEC BIO-SYNTHETIC 5W-30

CLINGING MOLECULES PROTECT FROM THE START

### Description

Up to 75% of engine wear happens while your engine warms up.

Until now there hasn't been an oil that could both harness the natural lubricating properties of plants, and give the high level of protection required by car engines.

Our revolutionary Eco-Engineering technology combines Castrol MAGNATEC's clinging molecules with 25% renewable plant-based oil while ensuring the same level of engine wear protection.

Pioneering with plants to give you instant protection from the moment you start.

### Application

Castrol MAGNATEC BIO-SYNTHETIC 5W-30 is a full synthetic engine oil suitable for use in automotive petrol engines where the manufacturer recommends an API SN, ILSAC GF-5 or earlier specification 5W-30 lubricant.

### Advantages

Castrol MAGNATEC BIO-SYNTHETIC 5W-30 contains intelligent molecules that:

- Cling to engine parts when the oil drains down
- Bond to metal surfaces to make engine parts more resistant to wear
- Are combined with full synthetic technology to provide increased protection in high and low temperature applications
- Provide continuous protection for all driving conditions, styles and temperatures

## Typical Characteristics

Name	Method	Units	Castrol MAGNATEC BIO-SYNTHETIC 5W-30
Density @ 15C, Relative	ASTM D4052	g/ml	0.845
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	10.4
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	4910
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	62
Viscosity Index	ASTM D2270	None	156
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	214
Ash, Sulphated	ASTM D874	% wt	0.81

## Product Performance Claims

API SN  
ILSAC GF5

## 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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