



Product Data

## Castrol MAGNATEC Hybrid 5W-30

NON-STOP HYBRID PROTECTION FROM EVERY START

### Description

A hybrid can stop-start 500,000 times during its life - 10 times more than a conventional car. These repeated engine shut downs mean a hybrid's complex engine system runs cooler than conventional vehicles.

These lower temperatures and many more stop-start moments than conventional vehicles put extra stress on a hybrid engine, and can increase the amount of fuel and water in the oil. This makes it harder for the oil to protect against damaging engine wear.

Castrol MAGNATEC Hybrid helps protect against the specific issues that challenge hybrid engines. Its DUALOCK Technology locks together at the surface to form a powerful forcefield of protection, dramatically reducing low temperature<sup>1</sup> and stop-start engine wear<sup>2</sup> by 50%.

Castrol MAGNATEC Hybrid is tested in hybrid<sup>3</sup>.

1 Tested versus the Sequence IVA API wear limit.

2 Tested versus the CEC OM646LA ACEA wear limits.

3 Toyota Prius, EPA NYCC.

### Application

Castrol MAGNATEC Hybrid 5W-30 is suitable for use in automotive gasoline and hybrid vehicles where the manufacturer recommends an API SP, ILSAC GF-6 specification 5W-30 lubricant.

### Advantages

Castrol MAGNATEC Hybrid with DUALOCK TECHNOLOGY:

- Forms a powerful force field of protection
- Protects against the specific issues that challenge hybrid engines
- Dramatically reduces low temperature<sup>1</sup> and stop-start engine wear<sup>2</sup> by 50%

**Non-stop protection from every start, even in extreme hybrid conditions.**

1 Tested versus the Sequence IVA API wear limit

2 Tested versus the CEC OM646LA ACEA wear limits.

## Typical Characteristics

Name	Method	Units	Castrol Magnatec Hybrid 5W-30
Density @ 15C, Relative	ASTM D4052	g/ml	0.848
Viscosity, Kinematic 100C	ASTM D445	mm²/s	10.0
Viscosity, Kinematic 40C	ASTM D445	mm²/s	58
Viscosity Index	ASTM D2270	None	160
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	5320
Pour Point	ASTM D97	°C	-39
Flash Point, PMCC	ASTM D93	°C	205
Ash, Sulphated	ASTM D874	% w t	0.77

## Product Performance Claims

API SP  
ILSAC GF-6

## 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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