



## Castrol MAGNATEC Hybrid 0W-20

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 0W-20 is suitable for use in gasoline and hybrid vehicles where the manufacturer recommends an API SP, ILSAC GF-6 0W-20 lubricant.

## Typical Characteristics

Name	Method	Units	Castrol MAGNATEC Hybrid 0W-20
Density @ 15C, Relative	ASTM D4052	g/ml	0.842
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	8.6
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5860
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	45
Viscosity Index	ASTM D2270	None	170
Pour Point	ASTM D97	°C	-42
Flash Point, PMCC	ASTM D93	°C	201

## 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.

Castrol MAGNATEC Hybrid 0W-20

20 Oct 2020

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

[www.castrol.com](http://www.castrol.com)