



## Castrol MAGNATEC STOP-START 5W-20 E

CLINGING MOLECULES PROTECT AGAINST STOP-START WEAR

### Description

It's more than just oil. It's liquid engineering.

Today even a normal driver can stop and start as many as 18,000 times a year. And all that idling in traffic or waiting at junctions causes microscopic wear in your engine.

In the latest industry test, Castrol MAGNATEC STOP-START 5W-20 E gives significantly less wear in STOP-START operation\*.

Castrol MAGNATEC STOP-START 5W-20 E's full synthetic formulation has intelligent molecules that cling, and form a selfhealing layer so it's always ready to protect at each of the critical stages of stop-start driving.

Castrol MAGNATEC STOP-START 5W-20 E. Instant Protection From The Moment You Start. Every Time You Start.

\*As tested in the industry OM646LA test

### Application

Castrol MAGNATEC STOP-START 5W-20 E is a full synthetic engine oil approved for use in petrol vehicles that require a 5W-20 lubricant that Meets Ford WSS-M2C948-B specification.

When choosing oil, please refer to your owner's handbook and the product specifications shown.

### Advantages

Castrol MAGNATEC STOP-START 5W-20 E contains intelligent molecules that:

- \*Cling to engine parts when the oil drains down
- \*Form a self-healing layer to protect at each of the critical stages of stop-start driving and beyond
- \*Are proven to reduce wear in stop-start operation

## Typical Characteristics

Name	Method	Units	Castrol MAGNATEC STOP-START 5W-20 E
Density @ 15C, Relative	ASTM D1298	g/ml	0.849
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	8.1
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	3800
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	44
Viscosity Index	ASTM D2270	None	162
Pour Point	ASTM D97	°C	-48
Flash Point, PMCC	ASTM D93	°C	208
Ash, Sulphated	ASTM D874	% wt	0.8

## Product Performance Claims

Meets Ford WSS-M2C948-B

## 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 STOP-START 5W-20 E

16 Jun 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, to the extent that it is permissible by law to exclude warranties and representations, 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. Refer to the MSDS, available from our website for further information. No responsibility is taken by either Castrol NZ, 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 New Zealand Limited  
Technical Advice Line 0800 10 40 60 Customer Service 0800 CASTROL (227 876)  
[www.castrol.co.nz](http://www.castrol.co.nz) [www.msds.castrol.co.nz](http://www.msds.castrol.co.nz)