



Product Data

## Castrol Magnatec 5W-20 E

NON-STOP PROTECTION FROM EVERY START

### Description

Castrol MAGNATEC has been developed to meet the unique demands of modern driving.

75% of engine wear can happen when we start the ignition. And acceleration, slowing down, and idling journeys in city driving only increase this strain. That means every congested commute, weekend getaway, and shopping trip may increase engine wear.

Castrol MAGNATEC clings like a magnet to critical engine parts and locks in place to deliver 50% better engine wear protection\*. Helping to safeguard your engine's vital components - the valvetrain, timing chain, pistons, and bearings - from damage and wear.

Choose non-stop protection from every start. Choose Castrol MAGNATEC.

For more product information, visit [castrol.com](http://castrol.com).

#ClingsLocksProtects

\* Tested using an industry standard wear test, measured versus relevant industry limit.

### Application

Castrol MAGNATEC 5W-20 E is suitable for use in automotive gasolines, diesel and hybrid vehicles where the manufacturer recommends an ACEA C5, API SN, ILSAC GF-5 or earlier specification 5W-20 lubricant.

### Advantages

Castrol MAGNATEC clings, locks, and protects to deliver 50% better engine wear protection\*.

Helping to safeguard your engine's vital components by:

- Forming a resistive barrier between metal contact points in the valvetrain
- Managing abrasive piston deposits, guarding against cylinder liner wear
- Maintaining timing chain tension and engine synchronicity by minimising chain damage and elongation
- Preserving engine bearings from corrosive wear

\* Tested using an industry standard wear test, measured versus relevant industry limit.

## Typical Characteristics

Name	Method	Units	Castrol Magnatec 5W-20 E
Density @ 15C, Relative	ASTM D4052	g/ml	0.849
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	8.2
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	3800
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	46
Viscosity Index	ASTM D2270	None	160
Pour Point	ASTM D97	°C	-48
Flash Point, PMCC	ASTM D93	°C	213
Ash, Sulphated	ASTM D874	% w t	0.7

## Product Performance Claims

ACEA C5  
API SN  
ILSAC GF-5  
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 5W-20 E  
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