



## Castrol MAGNATEC 0W-20 GF

Clinging molecules, reinvented

### Description

Traffic congestion has increased dramatically; today even a normal driver can stop and start up to 18,000 times<sup>1</sup> a year. That's annoying, but worse, it slowly damages your engine – permanently.

Uniquely, Castrol MAGNATEC's **breakthrough DUALOCK molecules** cling to critical engine parts and lock together to:

- Form a powerful force field of protection
- Dramatically reduce both warm-up and stop-start wear by 50%<sup>2</sup>
- Deliver unique patented protection designed specifically for modern driving

### Non-stop protection from every start.

1. Global average from 50 cities, Castrol MAGNATEC STOP-START Index 2014
2. Tested in the Sequence IVA (Intertek, 2015) and OM646LA (Castrol, 2015) tests versus industry limits

### Application

Castrol MAGNATEC 0W-20 GF is suitable for use in automotive gasoline engines where the manufacturer recommends and API SN ILSAC GF-5 or earlier specification 0W-20 lubricant.

## Typical Characteristics

Name	Method	Units	Castrol MAGNATEC 0W-20 GF
Density @ 15C, Relative	ASTM D4052	g/ml	0.847
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	8.6
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5800
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	45
Viscosity Index	ASTM D2270	None	172
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	198
Ash, Sulphated	ASTM D874	% wt	0.92

## Product Performance Claims

API SN  
ILSAC GF-5

## 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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