



Product Data

Magnatec 0W-20

NON-STOP PROTECTION FROM EVERY START

Description

Clinging molecules, reinvented.

Traffic congestion has increased dramatically; today even a normal driver can stop and start up to 18,000 times¹ a year. That's annoying, but worse, it slowly damages your engine – permanently.

Castrol MAGNATEC's unique breakthrough DUALOCK molecules cling to critical engine parts and lock together to protect.

Castrol MAGNATEC. Non-stop protection from every start.

¹ Global average from 50 cities, Castrol MAGNATEC STOP-START Index 2014

Application

Castrol MAGNATEC 0W-20 is suitable for use in automotive petrol, diesel and hybrid vehicles where the manufacturer recommends an API SP,CF, ILSAC GF-6 or earlier specification 0W-20 lubricant.

Advantages

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

- Form a powerful force field of protection
- Dramatically reduce both warm-up² and stop-start³ wear by 50%
- Deliver protection designed specifically for modern driving
- Protects against the specific issues that challenge hybrid engines
- Delivers against HYSPEC – Castrol's new standard for hybrid performance⁴

¹ Global average from 50 cities, Castrol MAGNATEC STOP-START Index 2014

² Tested versus the Sequence IVA API SN wear limit.

³ Tested versus the CEC OM646LA ACEA wear limits.

⁴ Across critical areas of contaminants, engine intermittency and system efficiency.

Typical Characteristics

Name	Method	Units	Castrol Magnatec 0W-20
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	45
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	200
Density @ 15C, Relative	ASTM D4052	g/ml	0.846
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	8.6
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5611
Viscosity Index	ASTM D2270	None	171
Ash, Sulphated	ASTM D874	% wt	0.82

Performance

API SP/CF
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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