

Castrol MAGNATEC Stop-Start 0W-20

Busy driving, reinvented

Description

All cars, even those with the latest stop-start engine technology don't perform at their best in traffic congestion. And congestion has dramatically increased over the past 10 years, causing engine wear and wasting fuel.

That's why we created new MAGNATEC Stop-Start, combining patented DUALOCK molecule technology with Castrol's most efficient full synthetic base oils.

Forms a powerful force-field of wear protection

Dramatically reduces both warm-up¹ and stop-start² wear by 50%

Could even deliver 60L annual fuel saving³ during busy stop-start driving

Non-stop protection from every start, even for vehicles with modern stop-start engine technology

¹ Tested versus the Sequence IVA API SN wear limit.

² Tested versus the CEC OM646LA ACEA wear limits.

³ Compared to an industry reference 15W-40 oil as tested in the EUDC (for highways), EPA NYCC (for cities) and Castrol Ultra-Idle Cycle (for congestion). Assumptions: Annual mileage of 12,000km; representative split of driving (60% on highway, 30% in city, 10% in congestion); Amount of fuel used with 15W-40, 1702L. Actual results under road conditions may vary according to vehicle type, driving conditions and style.

Application

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

Typical Characteristics

Name	Method	Units	Castrol MAGNATEC Stop-Start 0W-20
Density @ 15C, Relative	ASTM D4052	g/ml	0.847
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	8.6
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5800
Viscosity, Kinematic 40C	ASTM D445	mm ² /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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