

## Magnatec STOP-START 0W-16 SP

NON-STOP PROTECTION AND IMPROVED FUEL ECONOMY FROM EVERY START

### Description

#### Busy driving, reinvented.

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 Castrol MAGNATEC STOP-START, combining unique patented DUALOCK molecule technology with Castrol's most efficient full synthetic base oils.

### Application

Castrol MAGNATEC STOP-START 0W-16 is suitable for use in automotive gasoline vehicles where the manufacturer recommends a API SP, ILSAC GF-6B or earlier specification 0W-16 lubricant.

### Advantages

Castrol MAGNATEC STOP-START with DUALOCK TECHNOLOGY:

- Forms a powerful force-field of wear protection
- Dramatically reduces both warm-up<sup>1</sup> and stop-start<sup>2</sup> wear by 50%
- Could even deliver 50L annual fuel saving<sup>3</sup> during busy stop-start driving
- Castrol MAGNATEC STOP-START 0W-16 SP is tested in Hybrid\*.

Castrol MAGNATEC STOP-START. Non-stop protection from every start, even for vehicles with modern stop-start engine technology.

<sup>1</sup> Tested versus the Sequence IVA API wear limit.

<sup>2</sup> Tested versus the CEC OM646LA ACEA wear limits.

<sup>3</sup> Compared to an industry reference 15W-40 oil in the EUDC cycle (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). Actual results under road conditions may vary according to vehicle type, driving conditions and style.

\* Toyota Prius, EPA NYCC.

## Typical Characteristics

Name	Method	Units	Magnatec STOP-START 0W-16 SP
Density @ 15C, Relative	ASTM D4052	g/ml	0.846
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	7.3
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5100
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	38
Viscosity Index	ASTM D2270	None	168
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	205

## Product Performance Claims

API SP  
ILSAC GF-6B

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Castrol India Ltd, Technopolis Knowledge Park, PO Box. 19411, 1st Floor, Mahakali Caves Road, Mumbai - 400093, India  
Technical Advice Line: Customer Service - 1800 209 8100 (Tata Indicom), Phone: 022-6783 9800  
Customer Service: [www.castrol.co.in](http://www.castrol.co.in) Email: [customercare.india@castrol.com](mailto:customercare.india@castrol.com)