

# PRODUCT DATA

## Castrol Magnatec 10W-40

### PRODUCT DESCRIPTION

**Castrol Magnatec 10W-40** combines 'Intelligent Molecules' with synthetic technology for a stronger layer of active and continuous protection from the moment you turn the key.

The 'Intelligent Molecules' in **Castrol Magnatec 10W-40** cling and bond to the metal surfaces of your engine, forming an extra layer of protection during start up and beyond.

**Castrol Magnatec 10W-40** is a unique innovation in lubrication technology, developed as a result of extensive scientific research to identify a way of offering total engine protection during the three stages of the drive cycle – start up, warm up and normal operation.

### PRODUCT APPLICATION

**Castrol Magnatec 10W-40** is formulated for all types of passenger, 4WD and light commercial vehicle engines – petrol, diesel or gas, old or new, turbocharged or naturally aspirated.

**Castrol Magnatec 10W-40** is **NOT** recommended for two-stroke engines.

### PRODUCT FEATURES & BENEFITS

Engines using the unique **Castrol Magnatec 10W-40** can experience the following benefits:

- Provides up to 70% less wear than conventional oils during crucial start-up and warm-up periods
- Outstanding wear performance from the moment you turn the key
- Excellent oil consumption control and engine cleanliness to help maintain top engine performance
- Engines last longer and deliver better performance
- Because it's formulated with SAE 10W-40 viscosity for faster oil circulation, **Castrol Magnatec 10W-40** provides improved engine responsiveness and high temperature engine protection
- Provides continuous protection for all driving conditions, styles and temperatures

It is important to note that the superior wear protection offered by **Castrol Magnatec 10W-40** will be reduced if mixed with other engine oils.



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## TYPICAL CHARACTERISTICS

SAE Viscosity Grade	KV @ 100°C (cSt)	KV @ 40°C (cSt)	cP @ -25°C	Viscosity Index	Sulphated Ash (% wt)	Pour Point (°C)	Zinc (%wt)
10W-40	14.4	99	6480	151	0.98	-39	0.084

## PERFORMANCE LEVELS

**Castrol Magnatec 10W-40** is recommended where the following current and superseded classifications and performance levels are cited:

- **American Petroleum Institute (API) Service Classification:** API SN/CF  
Petrol SN  
Diesel CF
- **European ACEA:** ACEA A3/B3, A3/B4  
Petrol A3  
Diesel B3, B4

## HEALTH, SAFETY & ENVIRONMENT

**Castrol Magnatec 10W-40** is considered hazardous in accordance with the HSNO Act. Skin Irritant – Toxicity Class – 6.3B. However, in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data sheet be followed.

### Spillage

- Small:** Soak up using an inert mineral adsorbent such as Castrol MOP and dispose of in the appropriate manner.
- Large:** Corrective action usually dictated by individual company safety procedures. Immediate containment and subsequent removal is essential.
- Disposal:** Oily materials must not be allowed to enter groundwater, watercourses, sewerage or drainage systems. Refer to local Waste Disposal Authority for legal requirements.

### Product Removal

- Bare Metal Surfaces:** Remove with Castrol solvent cleaners or water based degreasers.
- Hand Cleaning:** Use any of the Castrol range of hand cleaners, e.g. CareClean Plus.
- Other Surfaces:** Contact the Castrol Technical Advice Line on 0800 10 40 60.

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For more information contact: Castrol NZ (A Business Division of BP Oil New Zealand Limited)  
Technical Advice Line: 0800 10 40 60  
Customer Service: 0800 CASTROL (227 876)

[www.castrol.com/nz](http://www.castrol.com/nz)

