**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.
TYPICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>SAE Viscosity Grade</th>
<th>KV @ 100°C (cSt)</th>
<th>KV @ 40°C (cSt)</th>
<th>cP @ -25°C</th>
<th>Viscosity Index</th>
<th>Sulphated Ash (% wt)</th>
<th>Pour Point (°C)</th>
<th>Zinc (%wt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10W-40</td>
<td>14.4</td>
<td>99</td>
<td>6480</td>
<td>151</td>
<td>0.98</td>
<td>-39</td>
<td>0.084</td>
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</tbody>
</table>

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**Castrol Magnatec 10W-40** is recommended where the following current and superseded classifications and performance levels are cited: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

08/10/2012