Castrol Magnatec 5W-30 C3
Instant protection from the moment you turn the key

Description
Up to 75% of engine wear happens while your engine warms up. When the engine stops, oils drain off critical engine parts, however Castrol Magnatec’s intelligent molecules don’t; they cling to the engine like a magnet providing an extra layer of protection ready to protect from the moment you turn the key. Castrol Magnatec’s molecules are always there, always ready, dramatically reducing* engine wear when the most damage happens; as your car warms up.
Castrol Magnatec. Instant protection from the moment you turn the key.
*As tested against the industry Sequence IVA wear test.

Application
Castrol Magnatec 5W-30 C3 is suitable for use in automotive gasoline and diesel engines where the manufacturer recommends an ACEA A3/B4, A3/B3, C3, API SN/CF or earlier specification 5W-30 lubricant.
Castrol Magnatec 5W-30 C3 is approved for use in a vehicles from a wide range of manufacturers, please refer to the specifications section and your vehicle handbook.
*Castrol recommends Castrol Magnatec 5W-30 C3 as suitable for use in engines requiring GM/Opel dexos2 lubricants and where GM LL-A-025 or GM LL-B-025 specified products were originally required.
Castrol Magnatec 5W-30 C3 has been specially formulated to deliver outstanding protection for the latest engines fitted with after treatment devices such as diesel particulate filters and 3 way catalysts.

Advantages
Castrol Magnatec’s Intelligent Molecules:
- Cling to critical engine parts when the oil drains down
- Cling to your engine forming an extra layer that protects during start up and beyond;
- Bond to metal surfaces to make engine parts more resistant to wear;
- Are combined with synthetic technology to provide increased protection in high and low temperature applications;
- Provide continuous protection for all driving conditions, styles and temperatures;
Castrol Magnatec 5W-30 C3 also delivers superior performance under extreme cold start up conditions.
Typical Characteristics

<table>
<thead>
<tr>
<th>Name</th>
<th>Method</th>
<th>Units</th>
<th>Castrol Magnatec 5W-30 C3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density @ 15°C, Relative</td>
<td>ASTM D4052</td>
<td>g/ml</td>
<td>0.852</td>
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<tr>
<td>Viscosity, Kinematic 100°C</td>
<td>ASTM D445</td>
<td>mm²/s</td>
<td>12.8</td>
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<tr>
<td>Viscosity, CCS -30°C (5W)</td>
<td>ASTM D5293</td>
<td>mPa.s (cP)</td>
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<td>Viscosity, Kinematic 40°C</td>
<td>ASTM D445</td>
<td>mm²/s</td>
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<td>Viscosity Index</td>
<td>ASTM D2270</td>
<td>None</td>
<td>166</td>
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<tr>
<td>Pour Point</td>
<td>ASTM D97</td>
<td>°C</td>
<td>-39</td>
</tr>
<tr>
<td>Flash Point, PMCC</td>
<td>ASTM D93</td>
<td>°C</td>
<td>207</td>
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<tr>
<td>Ash, Sulphated</td>
<td>ASTM D874</td>
<td>% wt</td>
<td>0.8</td>
</tr>
</tbody>
</table>

Product Performance Claims

ACEA A3/B3, A3/B4, C3
API SN/CF
dexos2*
MB-Approval 229.31
VW 502 00/ 505 00
BMW Longlife 04

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.