Havoline® Ultra SAE 0W-30
High performance synthetic engine oil

Product description
Havoline Ultra SAE 0W-30 is a high performance synthetic engine oil designed to meet ACEA A3/B4 specifications and a range of critical OEM requirements, and offers robust engine protection, low temperature wear resistance and improved fuel economy.

Havoline Ultra SAE 0W-30 is formulated with premium quality synthetic base oils in combination with advanced additive technologies and viscosity index (VI) improvers, and is suitable for both gasoline and diesel passenger cars and light diesel vans.

Customer benefits
- Designed with advanced cleaning additive technologies for wear protection, oxidation control, cleanliness and acid neutralisation, helping extend engine life in severe operating conditions
- Premium base oils in combination with advanced additives offer TBN retention and viscosity control, extending oil drain periods
- Advanced anti-wear additive design helps provide robust and reliable low-viscosity wear protection and long engine service life
- Designed to provide improved fuel economy in vehicles where 0W-30 engine oils are recommended
- Low temperature fluidity aids rapid lubricant circulation during cold start-ups, contributing to increased engine protection, even when biodiesel is used

Product highlights
- Helps extend engine life in severe conditions
- Offers extended oil drain periods
- Designed for reliable low-viscosity wear protection
- Formulated for improved fuel economy
- Aids rapid engine protection during cold start-ups

Selected specification standards include:

<table>
<thead>
<tr>
<th>ACEA</th>
<th>API</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercedes</td>
<td>Renault</td>
</tr>
<tr>
<td>Volvo</td>
<td>VW</td>
</tr>
</tbody>
</table>

Always confirm that the product selected is consistent with the original equipment manufacturer’s recommendation for the equipment operating conditions and customer’s maintenance practices.
Applications

- Havoline Ultra SAE 0W-30 is suitable for a large number of gasoline and diesel passenger car and light diesel van engines without diesel particulate filters (DPF) or three way catalysts (TWC)

Havoline Ultra SAE 0W-30 is unsuitable for some engines. Consult owners' manual or handbook if in doubt

Approvals, performance and recommendations

Approvals

- Renault RN 0700
- Volvo VCC 95200356
- VW Standard 502 00/505 00

Performance

- ACEA A3/B4, A3/B3
- API SL
- Mercedes Benz MB 229.5
- MB 229.3

Recommendations

- Havoline Ultra SAE 0W-30 is suitable for use in MB 226.5 engines

Typical test data

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Methods</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity Grade</td>
<td>SAE 0W-30</td>
<td></td>
</tr>
<tr>
<td>Shelf Life: 60 months from date of filling indicated on the product label</td>
<td></td>
<td></td>
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<tr>
<td>Density at 15°C, kg/l</td>
<td>ASTM D4052</td>
<td>0.844</td>
</tr>
<tr>
<td>Kinematic viscosity at 40°C, mm²/s</td>
<td>ASTM D445</td>
<td>70</td>
</tr>
<tr>
<td>Kinematic viscosity at 100°C, mm²/s</td>
<td>ASTM D445</td>
<td>12.3</td>
</tr>
<tr>
<td>Viscosity Index</td>
<td>ASTM D2270</td>
<td>177</td>
</tr>
<tr>
<td>Pour Point, °C</td>
<td>ASTM D5950</td>
<td>-48 max</td>
</tr>
<tr>
<td>Flash Point COC, °C</td>
<td>ASTM D92</td>
<td>234</td>
</tr>
</tbody>
</table>

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user’s intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS’s) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see www.texacolubricants.com.

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