Customer benefits

Extend lifetime of after-treatment devices
Low levels of ash-forming phosphorus and sulphur additives (low SAPS) formulation helps extend DPF and TWC service life.

Long engine life
Metallic detergent and ashless dispersant additive system helps prevent engine failure, even under severe operating conditions, by providing superior control of ring belt and piston skirt deposits. Excellent low temperature viscosity characteristics ensure that vital engine components are lubricated quickly at start-up, even at very low temperatures.

Reduced maintenance cost
Proven thermal stability and oxidation resistance minimizes in-service oil degradation which contributes to filter blocking and sludge formation in the oil galleries, crankcase and valve train.

Lower oil consumption
Very high viscosity index synthetic base oils control oil flow through the ring belt area by maintaining oil viscosity, and reduce oil evaporation at the elevated piston temperatures experienced under even very severe operating conditions.

Applications
• High performance, naturally aspirated and turbocharged gasoline and light duty diesel engines in modern passenger cars and light commercial vehicles, equipped with modern three-way catalysts (TWC) and diesel particulate filters (PDF) requiring low SAPS oils.

Product features:
• Havoline® Ultra R is a premium performance, synthetic multi-grade motor oil formulated for use in gasoline and diesel modern passenger car and light truck commercial diesel engines.
• Havoline® Ultra R SAE 5W-30 is a low SAPS lubricant, formulated with synthetic base stocks and advanced technology additives offering low levels of sulphated ash, phosphorus and Sulphur.
### Typical key properties

<table>
<thead>
<tr>
<th>HAVOLINE® Ultra R</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SAE Grade</strong></td>
<td>5W-30</td>
</tr>
<tr>
<td><strong>Product Code</strong></td>
<td>501276</td>
</tr>
<tr>
<td><strong>Phosphorus, m %</strong></td>
<td>0.05</td>
</tr>
<tr>
<td><strong>Sulfated Ash, m %</strong></td>
<td>0.49</td>
</tr>
<tr>
<td><strong>Viscosity,</strong></td>
<td></td>
</tr>
<tr>
<td>mm²/s @ 40°C</td>
<td>67.1</td>
</tr>
<tr>
<td>mm²/s @ 100°C</td>
<td>11.5</td>
</tr>
<tr>
<td><strong>Viscosity Index</strong></td>
<td>167</td>
</tr>
<tr>
<td><strong>Zinc, m %</strong></td>
<td>0.05</td>
</tr>
</tbody>
</table>

### Performance standards

- ACEA C4
- Approved against:
  - MB-Approval 226.51
  - Renault RN 0720

---

**ENVIRONMENT, HEALTH and SAFETY**

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit: www.havoline.com.

---

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by: **Chevron Lubricants**  
-- Asia Pacific

For more information, go to www.chevronlubricants.com