Shell Helix Ultra 5W-40

Maximises performance right up to the next oil change

Shell Helix Ultra has been formulated with Shell’s ultimate active cleansing technology. It works harder to protect than conventional motor oils by continuously helping to prevent dirt and sludge build-up, for better responsiveness and improved performance, thus helping your engine to operate at its full potential right up to the next oil change.

Performance, Features & Benefits

• Shell’s ultimate active cleansing technology
  Up to five times more effective at removing sludge from dirty engines than a mineral oil.

• Long-term oxidation stability
  Up to 30% more protection than other fully synthetic leading brands tested.

• Low viscosity, rapid oil flow and low friction
  Greater fuel efficiency and easier cold starting.

• High shear stability
  Maintains viscosity and stays in grade throughout the oil change interval.

• Specially selected synthetic base oils
  Reduce oil volatility and therefore oil consumption and the need for top-up.

• Minimises vibration and engine noise
  Smoother, quieter drive.

Main Applications

• Suitable for fuel-injected petrol engines fitted with ‘blow-by’ gas recirculation and catalytic converters operating in extreme driving conditions.

Specifications, Approvals & Recommendations

• API: SN/CF
• ACEA: A3/B3, A3/B4
• VW: 502.00/505.00
• MB Approval: 229.5
• BMW: LL-01
• Porsche: A40
• Ferrari
• Fiat: 9.55535.Z2 (Meets the requirements of)
• Renault: RN 0700/0710
• PSA: B71 2296

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Typical physical characteristics

<table>
<thead>
<tr>
<th>Properties</th>
<th>Method</th>
<th>Shell Helix Ultra 5W-40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity Grade</td>
<td></td>
<td>5W-40</td>
</tr>
<tr>
<td>Kinematic Viscosity @40°C</td>
<td>cSt</td>
<td>ASTM D445</td>
</tr>
<tr>
<td>Kinematic Viscosity @100°C</td>
<td>cSt</td>
<td>ASTM D445</td>
</tr>
<tr>
<td>density @15°C</td>
<td>kg/l</td>
<td>ASTM 4052</td>
</tr>
<tr>
<td>Pour Point °C</td>
<td></td>
<td>ASTM D97</td>
</tr>
<tr>
<td>Hths Viscosity @150°C</td>
<td>m PaS</td>
<td>ASTM D4741</td>
</tr>
<tr>
<td>Flash Point (Pmcc) °C</td>
<td></td>
<td>ASTM D93</td>
</tr>
</tbody>
</table>

These characteristics are typical of current production. Whilst future production will conform to Shell’s specification, variations in these characteristics may occur.
Health, Safety & Environment

• Health and Safety
  Shell Helix Ultra is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
  Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.
  Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from http://www.epc.shell.com/

• Protect the Environment
  Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

• Advice
  Advice on applications not covered here may be obtained from your shell representative.