Delo® Gold Ultra S SAE 10W-40

High performance synthetic heavy-duty engine oil

(Supersedes Ursa Premium TDS SAE 10W-40)

Product description

Delo Gold Ultra S SAE 10W-40 is a high performance synthetic heavy-duty engine oil designed to conform to current ACEA requirements and the more challenging OEM specifications, including Scania LDF3 for latest technology Euro VI diesel engines.

Delo Gold Ultra S SAE 10W-40 features ISOSYN® technology, a combination of premium base oils and additives formulated to promote optimum diesel engine protection, and is designed to deliver reliable cold temperature performance, robust deposit control and long drain performance.

Customer benefits

• Suitable for Scania Euro VI applications and backwards compatible from Euro VI to Euro II, helping reduce inventories and complexity
• Suitable for use in transcontinental fleet operations, offering performance and protection under regional fuel quality variations, including biodiesel
• High performance TBN retention aids protection against acid build-up and corrosive wear, contributing to greater EGR protection
• Formulated to offer robust deposit control, promoting dependable hardware protection and optimum uptime
• Reliable long-life cold start protection and performance with total-life fuel economy offers reduced downtime and costs

Selected specification standards include:

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Standards</th>
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</thead>
<tbody>
<tr>
<td>ACEA</td>
<td>API</td>
</tr>
<tr>
<td>DAF</td>
<td>Deutz</td>
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<tr>
<td>Mack</td>
<td>MAN</td>
</tr>
<tr>
<td>Mercedes Benz</td>
<td>Renault Trucks</td>
</tr>
<tr>
<td>Scania</td>
<td>Volvo</td>
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</tbody>
</table>

Product highlights

• Suitable for Scania Euro VI and backwards compatibility from Euro VI to Euro II
• Suitable for use in transcontinental fleet operations
• High performance TBN retention
• Robust deposit control
• Promotes cold start protection and fuel economy

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

• Formulated for use in naturally aspirated and turbocharged diesel engines operating internationally with long drain intervals. Meets the latest Scania LDF3 requirements for Euro VI engines and is also backwards compatible from Euro VI to Euro II

Approvals, performance and recommendations

Approvals

• Mack EO-N
• MAN M3277
• Renault Trucks RLD-2
• Mercedes Benz MB-Approval 228.5
• Scania LDF-2*, LDF-3*
• Volvo VDS-3

Performance

• ACEA E4, E7
• API CF
• Deutz DQC III-10

Recommendations

Suitable for use in applications requiring:

• Renault Trucks RD, RD-2, RXD and RLD
• Volvo VDS-2
• DAF Extended drain (Euro III and IV engines)

* Approval on this formulation obtained under previous name – Ursa Premium TDS SAE 10W-40

Typical test data

<table>
<thead>
<tr>
<th>Test</th>
<th>Test methods</th>
<th>Results</th>
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<tbody>
<tr>
<td>Viscosity Grade</td>
<td></td>
<td>SAE 10W-40</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>0.866</td>
</tr>
<tr>
<td>Kinematic viscosity at 40°C, mm²/s</td>
<td>ASTM D445</td>
<td>89.7</td>
</tr>
<tr>
<td>Kinematic viscosity at 100°C, mm²/s</td>
<td>ASTM D445</td>
<td>13.6</td>
</tr>
<tr>
<td>Viscosity Index</td>
<td>ASTM D2270</td>
<td>152</td>
</tr>
<tr>
<td>Pour point, °C</td>
<td>ASTM D5950</td>
<td>-38</td>
</tr>
<tr>
<td>Flash point, °C</td>
<td>ASTM D92</td>
<td>236</td>
</tr>
<tr>
<td>Total Base Number, mg KOH/g</td>
<td>ASTM D2896</td>
<td>15.9</td>
</tr>
<tr>
<td>Sulphated Ash, %wt</td>
<td>ASTM D874</td>
<td>1.80</td>
</tr>
</tbody>
</table>

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheets.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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