**CHEVRON GEAR OIL GL-1**

**SAE 90, 140**

**PRODUCT DESCRIPTION**

Chevron Gear Oils GL-1 are rust and oxidation inhibited gear oils that are recommended for many automotive and industrial equipment where the equipment suppliers recommend the use of a straight mineral oil in SAE viscosity grades 90 (ISO 220) or 140 (ISO 460).

**CUSTOMER BENEFITS**

Chevron Gear Oils GL-1 deliver value through:

- **Good lubricant film** — Provided through use of select high viscosity index base stocks.
- **Excellent rust protection** — Offers long equipment life by protecting gears from rust.
- **Good antifoam protection** — Provides maximum gear and bearing life by maintaining full lubricant film with minimal entrained air or surface foam.
- **High viscosity index** — Avoids thinning out excessively at high temperatures.
- **Good oxidation stability** — Provide long service life even in the presence of copper or bronze.

**FEATURES**

Chevron Gear Oils GL-1 are rust and oxidation inhibited gear oils.

They are manufactured from high viscosity index paraffinic base stocks. They contain a metal deactivator to help stop such metals as copper from acting as catalysts to promote oil oxidation. They also contain rust, corrosion, and foam inhibitors, plus a pour point depressant to offer fluidity at low temperatures.

Chevron Gear Oils GL-1 help provide long life for gears and bearings in gear cases where the OEM recommends the use of a straight mineral oil.

High viscosity indexes and low pour points help deliver good film strength and gear wear protection at both high and low temperatures.

**APPLICATIONS**

Chevron Gear Oils GL-1 are recommended for many types of automotive and industrial equipment where the equipment suppliers recommend the use of a straight mineral oil in SAE viscosity grades 90 (ISO 220) or 140 (ISO 460).

Chevron Gear Oils GL-1 are also suitable for lubrication of many types of equipment where copper or bronze is present and susceptible to attack by oils containing sulfur-phosphorus compounds.

Chevron Gear Oils GL-1 meet the requirements of API Service Category GL-1.

**TYPICAL TEST DATA**

<table>
<thead>
<tr>
<th>SAE Grade</th>
<th>90</th>
<th>140</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>223036</td>
<td>223037</td>
</tr>
<tr>
<td>SDS Number</td>
<td>35585</td>
<td>35585</td>
</tr>
<tr>
<td>Density at 15°C, kg/L</td>
<td>0.8968</td>
<td>0.8956</td>
</tr>
<tr>
<td>Viscosity, Kinematic cSt at 40°C</td>
<td>204</td>
<td>404</td>
</tr>
<tr>
<td>cSt at 100°C</td>
<td>18.0</td>
<td>28.0</td>
</tr>
<tr>
<td>Viscosity Index</td>
<td>96</td>
<td>95</td>
</tr>
<tr>
<td>Flash Point, °C(°F)</td>
<td>294(561)</td>
<td>310(590)</td>
</tr>
<tr>
<td>Pour Point, °C(°F)</td>
<td>-12(+10)</td>
<td>-12(+10)</td>
</tr>
</tbody>
</table>

Minor variations in product typical test data are to be expected in normal manufacturing.

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Product(s) manufactured in the USA.
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.

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