Custom Plus™ Synthetic Gear Oil

TECHNICAL PRODUCT INFORMATION

Custom Plus Synthetic Gear Oil

Custom Plus Lubricants High Performance Full Synthetic Gear Oils are Heavy Duty, Severe Service, Thermally Stable, Extreme Pressure gear lubricants designed to operate in both high and low extreme temperature conditions for all season use, even in sub-zero conditions.

Custom Plus Lubricants full synthetic gear oils provide improved fuel economy, extended drain capabilities and are fortified with additives to prevent rust, oxidation and corrosion.

FEATURES/ BENEFITS

• Fortified with additives to prevent rust and oxidation, which reduces wear and extends component life.
• Improved frictional properties lead to better fuel economy and reduced operating costs.
• All Season use even at sub zero temperatures allows ease of start in arctic conditions.
• Foam Resistance maintains film strength for reliable lubrication.
• Excellent Shear Stability results in viscosity retention and film strength under severe operating conditions
• Exceptional Thermal Stability extends gear and bearing life.
• Excellent Limited Slip Performance reduces chatter and improves traction.

APPLICATIONS

Custom Plus Lubricants High Performance Full Synthetic Gear Oils are recommended for all Differentials, Manual Transmissions, Spiral Bevel and Hypoid Gears, Axles and Drive Units. Use wherever an API GL-5 and MT-1 are recommended.

RECOMMENDATIONS/SPECIFICATIONS

Suitable for use where the following specifications are recommended:
• Mack Truck GO-J (80W-140)/GO-J Plus (75W-90) • Eaton Roadranger E500 • General Electric D50E9C
• Harnishfeger (P&H) 474 • U.S. Military Spec. MIL-PRF-2105D & MIL-PRF-2105E
• Arvin Meritor O-76E (75W-90), O-76N • Dana SHAES 256 rev. C (SAE 50), Eaton PS-164 rev7 (SAE 50)
• International TMS-6816(SAE 50) • Scania STO 1:0 (SAE 50) • SAE J2360 • Mack TO-A Plus (SAE 50)
• Volvo I Shift (SAE 50) • ZF Freedomline (SAE 50)

SPECIAL HANDLING, NOTICES OR WARNINGS

Use the care and handling used for petroleum products

March 28, 2018
## TYPICAL CHARACTERISTICS

### Custom Plus Synthetic Gear Oil

<table>
<thead>
<tr>
<th>Properties</th>
<th>Test Method ASTM D-</th>
<th>Typical Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAE Viscosity Grade</td>
<td>50</td>
<td>75W-90</td>
</tr>
<tr>
<td>API Gravity</td>
<td>1298</td>
<td>32.6 7.42</td>
</tr>
<tr>
<td>Flash Point, °C /°F</td>
<td>92</td>
<td>428/220 215/420</td>
</tr>
<tr>
<td>Pour Point, °C /°F</td>
<td>97</td>
<td>-49/-45 -45/-49</td>
</tr>
<tr>
<td>Viscosity cSt @ 40°C</td>
<td>445</td>
<td>135.0 17.5</td>
</tr>
<tr>
<td>Viscosity Index</td>
<td>2270</td>
<td>143 149 168</td>
</tr>
<tr>
<td>CCS Viscosity (mPa·s)</td>
<td>5298</td>
<td>265 28</td>
</tr>
</tbody>
</table>

Typical test data are average values only.

Minor variations which do not affect product performance are to be expected during normal manufacturing.

### PRODUCT NUMBERS

- CUS 98001 CUSTOM SYN 50 35#
- CUS 98002 CUSTOM SYN 50 110#
- CUS 98003 CUSTOM SYN 50 400#
- CUS 98004 CUSTOM SYN 75W90 35#
- CUS 98005 CUSTOM SYN 75W90 110#
- CUS 98006 CUSTOM SYN 75W90 400#
- CUS 98007 CUSTOM SYN 75W140 35#
- CUS 98008 CUSTOM SYN 75W140 400#
- CUS 98009 CUSTOM SYN 80W140 35#
- CUS 98010 CUSTOM SYN 80W140 110#
- CUS 98011 CUSTOM SYN 80W140 400#