Since 2007, US Global Petroleum (USGP) has been producing lubricants that have continually met or exceed accepted industry standards. The USGP line of products reflects awareness of the changing conditions and needs of the automotive market. USGP lubricants are made from high quality base stocks and additives that are blended under the controlled formulation of USGP chemists and engineers, and are offered at competitive prices. USGP serves a wide variety of customers, and we are an EPA established facility with API certified products.
Benefits and Applications

- API Service Classification SN, SM, SL, SJ
- ILSAC GF-5 Service Certification (SAE Grades 5W-20, 5W-30 and 10W-30)
- Lower pour point reduces start-up wear during cold weather
- Full synthetic oil helps to improve fuel economy
- Compatible with conventional oils
- Excellent wear, corrosion, and rust protection
- Superior resistance to sludge and varnish deposit formation
- Designed with premium base stocks for added thermal breakdown resistance

Typical Characteristics - Full Synthetic - V140212

<table>
<thead>
<tr>
<th>SAE GRADE</th>
<th>0W-20</th>
<th>0W-30</th>
<th>0W-40</th>
<th>5W-20</th>
<th>5W-30</th>
<th>5W-40</th>
<th>10W-30</th>
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<tbody>
<tr>
<td>API SERVICE</td>
<td>SN/GF-5</td>
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<td>API Gravity</td>
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<td>Flash Point, °C/°F</td>
<td>ASTM D92</td>
<td>210/410</td>
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<td>208/406</td>
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<td>Pour Point, °C/°F</td>
<td>ASTM D97</td>
<td>-50/-59.8</td>
<td>-50/-58</td>
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<td>-38/-56.4</td>
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<tr>
<td>Viscosity @ 40°C, cSt</td>
<td>ASTM D445</td>
<td>46.3</td>
<td>60.5</td>
<td>86.2</td>
<td>48.7</td>
<td>62.7</td>
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<tr>
<td>Viscosity @ 100°C, cSt</td>
<td>ASTM D445</td>
<td>8.7</td>
<td>10.9</td>
<td>15.1</td>
<td>8.6</td>
<td>10.8</td>
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<tr>
<td>Viscosity Index</td>
<td>ASTM D2270</td>
<td>169</td>
<td>175</td>
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<td>164</td>
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<td>CCS, mPa·sec, @ °C max</td>
<td>ASTM D5293</td>
<td>6200 @ -35</td>
<td>6200 @ -35</td>
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<td>6200 @ -30</td>
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<td>Phosphorus, wt% max</td>
<td>ASTM D4951</td>
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<td>Total Base No.</td>
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</tbody>
</table>

Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.
10W-30 Full Synthetic

Measure of reserve additives available to neutralize harmful acids

Pennzoil: 9
Red Line: 8.8
Amsoil: 12.6
Everest: 7.9
Viscosity @ 100°C

10W-30 Full Synthetic

Pennzoil: 10.5
Red Line: 11.4
Amsoil: 10.5
Everest: 10.51

API Range is 9.3 to 12.5
Viscosity @ 40°C

10W-30 Full Synthetic

- Pennzoil: 66.2
- Red Line: 70
- Amsoil: 62.5
- Everest: 67.3
Measure of oil's ability to maintain viscosity over a large temperature range. A higher number will result in a lower variability of viscosity at all operating temperatures.
10W-30 Full Synthetic

Apparent viscosity @ -35°C
A lower number will provide a better cold cranking performance

Pennzoil
Red Line
Amsoil
Everest

API Maximum is 7000
10W-30 Full Synthetic

A lower number results in less evaporation of oil

Pennzoil: 4.8
Red Line: 6
Amsoil: 5.3
Everest: 9

API Maximum is 15