**PRODUCT DATA**

**LUBRIPLATE SYNXTREME “AC” SERIES**

**DESCRIPTION**

The LUBRIPLATE SYNXTREME “AC” fluids are 100% “state of the art” polyolester (POE) type synthetic fluids which are primarily recommended for rotary screw and vane type air compressors and hydraulic systems. The fluids combine special advanced POE base esters with a multi-charged additive system which produces the highest oxidative additive stability, enhanced hydrolytic stability and excellent wear and corrosion protection. Available in three ISO viscosity grades, these fluids deliver maximum life for air compressor lubrication.

**APPLICATIONS**

Typical industrial applications are:
- Rotary Screw and Rotary Vane Air Compressors
- Reciprocating Air Compressors
- Turbine Engines
- Hydraulic Systems

**ADVANTAGES**

- 100% POE based fluids for maximum performance and biodegradability. These fluids are readily biodegradable (Pw1).
- Far exceed the performance of PAO and PAG synthetic fluids
- Potential for extended drain intervals of +10,000 hours
- Excellent oxidative stability which helps eliminate varnish build-up and other deposits
- Outstanding solvency to keep air compressors clean
- Enhanced hydrolytic stability which prevents formation of acids and keeps fluid stability in the presence of water
- Excellent rust and corrosion protection
- Very low volatility which reduces fluid additions
- Outstanding lubricity to reduce and eliminate metal wear

**Typical Test Data**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>ASTM</th>
<th>AC-32</th>
<th>AC-46</th>
<th>AC-68</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity cSt @ 100°C</td>
<td>D-445</td>
<td>5.82</td>
<td>7.14</td>
<td>8.63</td>
<td></td>
</tr>
<tr>
<td>Viscosity cSt @ 40°C</td>
<td>D-445</td>
<td>32.1</td>
<td>45.5</td>
<td>65.5</td>
<td></td>
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<tr>
<td>Viscosity Index</td>
<td>D-2270</td>
<td>125</td>
<td>117</td>
<td>103</td>
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<tr>
<td>Flash Point</td>
<td>D-92</td>
<td>274°C</td>
<td>275°C</td>
<td>277°C</td>
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</tr>
<tr>
<td>Density</td>
<td>D-92</td>
<td>7.95</td>
<td>8.08</td>
<td>8.06</td>
<td></td>
</tr>
<tr>
<td>Pour Point</td>
<td>D-97</td>
<td>-46°C/</td>
<td>-51°F</td>
<td>-40°C/</td>
<td>-40°F</td>
</tr>
<tr>
<td>Total Acid Number</td>
<td>D-974</td>
<td>0.1</td>
<td>0.1</td>
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<tr>
<td>Water Content, wt%</td>
<td></td>
<td>0.02</td>
<td>0.02</td>
<td>0.02</td>
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<tr>
<td>Rust Test</td>
<td>D-665A</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
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<tr>
<td>Four Ball Wear</td>
<td>D-2266</td>
<td>0.48</td>
<td>0.5</td>
<td>0.51</td>
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</tbody>
</table>

**PACKAGING AVAILABLE**

**AC-32**
- 5 Gallon Pail: L0939-060
- 55 Gallon Drum: L0939-062

**AC-46**
- 5 Gallon Pail: L0940-060
- 55 Gallon Drum: L0940-062

**AC-68**
- 5 Gallon Pail: L0941-060
- 55 Gallon Drum: L0941-062