POLAR ANTIFREEZE & COOLANT is a conventional (green), ethylene glycol based antifreeze for use in automotive and light duty diesel applications. POLAR Antifreeze & Coolant contains inhibitors that provide maximum protection from freezing to -84°F and boil-over to +276°F. Its formula protects all metals, including aluminum, against damaging rust and corrosion when used as recommended.

FEATURES & BENEFITS

• Provides superior corrosion protection for all metals including aluminum
• Meets heavy duty standards for low silicate antifreeze
• One product for automobiles, diesel engines, and heavy duty equipment
• Maximum Freeze-Up Protection to -84°F Boil-Over Protection to +276°F
• Provides Year-Round Protection
• Protects Against Damaging Rust and Corrosion
• Compatible with All Conventional Green Antifreeze
• When used in heavy-duty applications, the addition of a separate Supplemental Coolant Additive (SCA) is recommended at initial fill and when topping off. See owner’s manual for engine manufacturer’s requirements.

SPECIFICATIONS

Meets the performance requirements and specifications for aftermarket antifreeze/coolants including:

**Heavy Duty**
- ASTM D-4985
- Cummins 90T8-4
- Caterpillar
- TMC RP302-B
- John Deere H24B1/C1
- Mack Truck
- Volvo-GM Heavy Truck

**Automobile**
- ASTM D-3306
- ASTM D-4340
- Ford ESE-M97B44-A
- Chrysler MS7170

CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Properties</th>
<th>Typical Values</th>
<th>ASTM Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity at 60/60°F</td>
<td>1.120-1.130</td>
<td>D 1122</td>
</tr>
<tr>
<td>Boiling Point, Reflux</td>
<td>325°F Min.*</td>
<td>D 1120</td>
</tr>
<tr>
<td>Foam Test</td>
<td>50 ml./3 sec. Max.</td>
<td>D 1881</td>
</tr>
<tr>
<td>pH, 50% Volume Solution</td>
<td>10.5 Min. - 11.0 Max.</td>
<td>D 1287</td>
</tr>
<tr>
<td>Reserve Alkalinity</td>
<td>11 ml. Min.</td>
<td>D 1121</td>
</tr>
<tr>
<td>Flash Point, COC</td>
<td>250°F Min.</td>
<td>D 92</td>
</tr>
<tr>
<td>Total Water, Wt. %</td>
<td>5% Max.</td>
<td>D 1123</td>
</tr>
<tr>
<td>Total Glycols, Wt. %</td>
<td>95% Min.</td>
<td>E 202</td>
</tr>
</tbody>
</table>

*With 15 psi pressure cap.