PowerGard™ Premium Gold 50/50 AntiFreeze

PowerGard Gold 50/50 is a true universal antifreeze/coolant that can be used as a top-off or a complete flush and fill in virtually any application. Its HOAT chemistry is designed for both light duty automotive and heavy duty diesel use. PowerGard Gold 50/50 is a premium ethylene glycol based product and when mixed with water and used as directed offers superior protection against:

- Freeze-up/Boil Over
- Wet Sleeve Liner Pitting
- Scale Build Up
- Rust Corrosion
- Sludge/Clogging

ADVANTAGES
- Meets Light Duty ASTM D-3306 and Heavy Duty ASTM D-6210
- One universal product for Light Duty and Heavy Duty applications
- Perfect choice for mixed fleets. No need to add SCA’s.
- Blended with pure De-Ionized water for your quality needs.
- Phosphate free and low silicate - the choice for Japanese and Korean models.
- Light Duty - 5 years/150,000 miles Heavy Duty - 3 years/300,000 miles.

SPECIFICATIONS
PowerGard Gold 50 is blended with proprietary additives designed to safely meet the performance specifications of (but not limited to):

- ASTM D-3306
- Chrysler MS 7170
- TMC RP329
- Ford WSS-M97B51
- GM 1825M
- GM 1899M
- Case New Holland
- Caterpillar DEAC
- Detroit Diesel
- Cummins Engine
- John Deere
- International
- Mercedes
- Komatsu
- Navistar
- Ford ESE-M97B44-D

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>TYPICAL VALUES</th>
<th>TEST METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Visual</td>
<td>Gold/Yellow</td>
</tr>
<tr>
<td>Specific Gravity at 60/60°F</td>
<td>1.053-1.083</td>
<td>D-1122</td>
</tr>
<tr>
<td>Freeze Point, at 50% max</td>
<td>-34°F</td>
<td>D-3321</td>
</tr>
<tr>
<td>pH at 50% Solution</td>
<td>8.5-10.0</td>
<td>D-1287</td>
</tr>
<tr>
<td>Reserve Alaklinity min.</td>
<td>2.5</td>
<td>D-1121</td>
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<tr>
<td>Foam Test</td>
<td>150ml/5 sec</td>
<td>D-1881</td>
</tr>
</tbody>
</table>

Available in Gallon Jugs, Drums, Totes and Bulk

BOIL OVER PROTECTION

<table>
<thead>
<tr>
<th>Type of Coolant Test</th>
<th>Atmospheric Pressure</th>
<th>14 LB. cap</th>
<th>15 LB. cap</th>
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<tbody>
<tr>
<td>Coolant Boiling</td>
<td>224°F</td>
<td>262°F</td>
<td>265°F</td>
</tr>
<tr>
<td>Coolant Freezing</td>
<td>-34°F</td>
<td>-34°F</td>
<td>-34°F</td>
</tr>
</tbody>
</table>

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