EKO ANTIFREEZE SUPER
Long life engine coolant concentrate

DESCRIPTION

EKO ANTIFREEZE SUPER is a concentrated ethylene glycol engine coolant, specifically designed for gasoline and diesel-powered engines. EKO ANTIFREEZE SUPER contains Organic Acid (OAT) corrosion inhibitor technology, and is free of nitrates, amines, phosphates, borates and silicates.

SPECIFICATIONS


In compliance with Gov. Gazette no 2988/B/22-11-2013.

APPLICATIONS

- Engines made of cast iron, aluminium, or a combination of the two.
- Cooling systems made of aluminium or copper alloys.
- Suitable for high-tech engines where protection of aluminium parts from high temperatures is important.

ADVANTAGES

- Provides long-term protection against corrosion, as it essentially contains non-consumable aliphatic acid technology additives.
- Long, up to 5 years, replacement intervals, resulting in both time and cost savings, and in less waste.
- Reduces damage to the thermostat, radiator and engine, and provides excellent protection against cavitation, resulting in longer engine life.
- Compatible with hard waters.
- Environmentally friendly.
- Compatibility with rubber gaskets and piping.
- Compatible with all OAT antifreeze fluids.
TYPICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Properties</th>
<th>Methods</th>
<th>Units</th>
<th>EKO ANTIFREEZE SUPER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Visual</td>
<td>Clear liquid, no turbidity</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>Visual Inspection</td>
<td>-</td>
<td>Fuchsia - pink</td>
</tr>
<tr>
<td>nitrates, amines, phosphates, borates and silicates</td>
<td></td>
<td>Nil</td>
<td></td>
</tr>
<tr>
<td>Density at 20°C</td>
<td>ASTM D 4052</td>
<td>g/ml</td>
<td>1.124</td>
</tr>
<tr>
<td>Reserve Alkalinity</td>
<td>ASTM D 1121</td>
<td>ml 0.1N HCL</td>
<td>typ. 9.5</td>
</tr>
<tr>
<td>Boiling point</td>
<td>ASTM D 1120</td>
<td>°C</td>
<td>&gt;160</td>
</tr>
<tr>
<td>Freezing Point, 50% v/v solution</td>
<td>ASTM D 1177</td>
<td>°C</td>
<td>Below -38</td>
</tr>
<tr>
<td>pH</td>
<td>ASTM D1287</td>
<td>-</td>
<td>typ. 8.4</td>
</tr>
</tbody>
</table>

SPECIAL INSTRUCTIONS

Suitable for gasoline and diesel vehicles. It is concentrated, so it should be diluted with water before use. Refer to the user’s manual for the dilution ratio.

For effective anti-rust and anti-corrosion protection, EKO ANTIFREEZE SUPER should be diluted in deionized water at a minimum rate of 33% per volume. For optimal anti-corrosion protection, manufacturers recommend dilution in deionized water at a 50% rate per volume.

Do not mix different brands of concentrated or ready-to-use coolant fluids, as they may contain different technology additives, and the products may not be compatible with each other.