Product data

Soimul 137
Water soluble cooling lubricant

General characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical composition</td>
<td>Blend of fatty acid and boric amides, soaps and polyglycolethers with mineral oil and water.</td>
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<tr>
<td>Appearance at 20°C</td>
<td>Viscous liquid</td>
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<tr>
<td>Colour</td>
<td>Yellow</td>
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<tr>
<td>pH (3% solution)</td>
<td>Approx. 9.0</td>
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<tr>
<td>Water %</td>
<td>Approx. 25</td>
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<tr>
<td>Solubility</td>
<td>Soluble in water (light opalescence)</td>
</tr>
</tbody>
</table>

Applications of Soimul 137

End use: Water soluble synthetic cooling lubricant for light to medium duty operations and grinding. Its solutions can be used on single machines, centralized plants and automatic equipments. Soimul 137 inhibits rust formation also at 1.5% concentration. The product is resistant to bacteria as well as to mould development, allowing long term usage without unpleasant odours formation.

Use level: Soimul 137 should be used in water solution at variable concentration depending on the type of operation:
- light duty operations: 2.5 - 3.0 %
- medium duty operations: 4.0 - 6.0 %
- grinding: 2.0 %

Advantages of Soimul 137

- Very good water solubility and stability, also in hard water
- Long term operational stability and absence of foam, also in relatively soft water
- Excellent corrosion inhibition (passes paper test DIN 51360/2 at 2%)
- Very good protection from bacteria and fungi

Storage stability

12 months in sealed package under good practice warehousing conditions.

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