Daphne Hi Temp Oil A-S
High Performance Quenching Oil

Description

Daphne Hi Temp Oil A-S is a hot quenching oil formulated with highly refined mineral base oil with specially selected additives. Additives such as cooling enhancer which has excellent high temperature anti-oxidation contributes to longer oil service life.

Application

Recommended for use in:

- Pusher type continuous furnaces especially for hardening automotive parts.
- Batch type furnaces for hardening of bearings and gears.

Note:
- Oil bath temperature: 100 - 150°C

Characteristics

1. Excellent Cooling Properties.
2. Excellent Anti-Oxidation Properties.
3. Excellent Water Separation & Sludge Separation.
4. Brightness Of The Quenched Parts Not Affected By Sludge.

Packing

20L pail, 200L drum
Typical Specifications

Daphne Hi Temp Oil A-S

<table>
<thead>
<tr>
<th>ASTM METHOD</th>
<th>Colour</th>
<th>Density 15 °C g/cm³</th>
<th>Flash Point (COC) °C</th>
<th>Viscosity, cSt @ 40 °C</th>
<th>Viscosity Index</th>
<th>TAN (mgKOH/g)</th>
<th>Carbon Residue, wt%</th>
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</thead>
<tbody>
<tr>
<td>D-1500</td>
<td>L2.5</td>
<td>D-4052</td>
<td>0.8909</td>
<td>D-92</td>
<td>284</td>
<td>D-664</td>
<td>0.26</td>
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<td>D-445</td>
<td>215.6</td>
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Cooling Curve

Test Method JIS-K-2242
Daphne Hi-Temp Oil A-S
Quenching Temp. 800°C

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