DACNIS SH 32 - 46 - 68 - 100

PAO Synthetic oils for rotary air compressors.

APPLICATIONS

Rotary air compressors

- Lubrication and cooling of the following types of air compressors:
  - rotary screw compressors (ISO VG 32, 46, 68)
  - reciprocating compressors (ISO VG 100).
- Recommended whenever the discharge temperature exceeds 90°C and/or the discharge pressure exceeds 10 bars.
- Recommended for the lubrication of gears, plain and roller bearings working under severe conditions, where a CKS level is required.

SPECIFICATIONS

International specifications

- ISO 6743 classified DAJ for heavy duty applications.

ADVANTAGES

Compressor efficiency optimised

- The properties of DACNIS SH:
  - avoids the carbon build up
  - allows a good oil/air and oil/condensates separation
  - protects the screws against wear and corrosion.

Operating cost minimised

The use of DACNIS SH allows real cuts in the operating costs of the compressed air production facility by:

- Optimising the compressor efficiency
- Extending the drain intervals. The possible achieved drain intervals can be:
  - from 4000 to 6000 hours for fixed compressors in standard use
  - up to 8000 hours with lubricant analysis monitoring.
- Extending the service life of the separating filter elements.
  The DACNIS SH have an anti-clogging property that ensures the efficiency of the filters during a long period (up to 8000 hours).

TYPICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Methods</th>
<th>Units</th>
<th>DAASNIS SH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density at 15°C</td>
<td>ISO 3675</td>
<td>kg/m³</td>
<td>835 839 840 844</td>
</tr>
<tr>
<td>Viscosity at 40°C</td>
<td>ISO 3104</td>
<td>mm²/s</td>
<td>32 46 68 100</td>
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<tr>
<td>Viscosity index</td>
<td>ISO 2909</td>
<td>-</td>
<td>136 139 147 143</td>
</tr>
<tr>
<td>Pour point</td>
<td>ISO 3016</td>
<td>°C</td>
<td>&lt; -57 -48 -45 -42</td>
</tr>
<tr>
<td>Flash point (open cup)</td>
<td>ISO 2592</td>
<td>°C</td>
<td>246 262 262 268</td>
</tr>
</tbody>
</table>

Above characteristics are mean values given as an information.