TOTAL LUBRICANTS
Industrie & Spécialités
16-01-2009 (supersedes 17-07-2008)
DACNIS
1/1

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded from www.quick-fds.com.

DACNIS

Mineral oils for rotary and reciprocating air compressors.

APPLICATIONS

Rotary and reciprocating air compressors

● Mineral oils with specific high performance additives designed to lubricate screw and reciprocating air compressors:
  - for screw compressors: DACNIS 32, 46, or 68
  - for reciprocating compressors: DACNIS 68, 100 or 150.

● For use in conditions where the discharge temperature does not exceed 100°C, otherwise, the use of synthetic oils is preferred.

SPECIFICATIONS

International specifications

● ISO 6743-3 classified DAG & DAB for heavy duty applications.

● DIN 51 506 VD-L for the use of DACNIS 100 & 150 in reciprocating air compressors.

O.E.M.’s

● Depending on the viscosity grades, DACNIS meet the requirements of: BAUER, CIRRUS, COMPAIR, DRESSER RAND, NEUENHAUSER, SAUER & SOHN, SULZER BURCKHARDT, TANABE...

ADVANTAGES

Compressor efficiency optimised

● The properties of DACNIS:
  - avoid the carbon build up
  - allow a good oil/air and oil/condensates separation
  - protect components against wear and corrosion.

Operating cost minimised

● The use of DACNIS allows real cuts in the operating costs of the compressed air production facility by optimising the compressor efficiency.

● Extending the service life of the separating filter elements. The DACNIS have an anti-clogging property that ensures the efficiency of the filters during a long period.

TYPICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th></th>
<th>METHODS</th>
<th>UNITS</th>
<th>DACNIS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>32</td>
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<tr>
<td>Density at 15°C</td>
<td>ISO 3675</td>
<td>kg/m³</td>
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<td>Viscosity at 40°C</td>
<td>ISO 3104</td>
<td>mm²/s</td>
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<td>Viscosity index</td>
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<tr>
<td>Pour point</td>
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<td>Flash point (open cup)</td>
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<td>ºC</td>
<td>244</td>
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<td>Conradson Residue</td>
<td>NF T 60116</td>
<td>%</td>
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Above characteristics are mean values given as an information.