CIRKAN RO

Lubrication

R and O type machine oils.

APPLICATIONS

Oils of type R&O for moving parts

- CIRKAN RO oils are mineral oils containing additives with appropriate viscosities for lubricating moving parts operating under severe temperature conditions:
  - fluid grades: systems operating at high speed: textile machinery, machine tools, and hydraulic circuits requiring a category HL oil.
  - viscous grades: lubrication of bearings and gears not requiring anti-wear and extreme-pressure properties.

SPECIFICATIONS

International specifications
- ISO 6743/4 Category HL
- ISO 6743/6 Category CKB
- ISO 11158 Category HL
- ISO 12925-1 Category CKB

Manufacturers

ADVANTAGES

- High natural viscosity index
- Good compatibility with seals
- Very good demulsification properties
- Excellent anti-foaming, anti-corrosion and anti-oxidation properties.

TYPICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>METHODS</th>
<th>UNITS</th>
<th>32</th>
<th>46</th>
<th>68</th>
<th>100</th>
<th>150</th>
<th>220</th>
<th>320</th>
<th>460</th>
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</thead>
<tbody>
<tr>
<td>Density at 15 °C</td>
<td>ISO 3675</td>
<td>kg/m³</td>
<td>876</td>
<td>881</td>
<td>887</td>
<td>891</td>
<td>895</td>
<td>897</td>
<td>899</td>
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<tr>
<td>Viscosity at 40 °C</td>
<td>ISO 3104</td>
<td>mm²/s</td>
<td>32.30</td>
<td>46.30</td>
<td>67.70</td>
<td>100</td>
<td>150</td>
<td>212.70</td>
<td>310.90</td>
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<td>Viscosity at 100 °C</td>
<td>ISO 3104</td>
<td>mm²/s</td>
<td>5.44</td>
<td>6.81</td>
<td>8.75</td>
<td>11.6</td>
<td>14.44</td>
<td>18.36</td>
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<td>Viscosity index</td>
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<td>102</td>
<td>101</td>
<td>101</td>
<td>94</td>
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<tr>
<td>Open cup flash point</td>
<td>ISO 2592</td>
<td>°C</td>
<td>228</td>
<td>234</td>
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<td>266</td>
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Above characteristics are mean values given as an information.