AZOLLA AF

Lubrication

Antiwear, ashless hydraulic oils.

APPLICATIONS

- Hydraulic systems operating under high pressure and/or temperature conditions.
- High-pressure vane, piston or gear pumps.
- Sensitive hydraulic circuits requiring absolute filterability of the fluid (very fine servo valve play): plastic moulding machines.
- Any hydraulic system where the risk of contamination of the environment and waters exists.
- Any application where an antiwear, high-performance oil is necessary: various movements, plain bearings and rolling bearings, reducers under low load, etc.
- Lubrication of circuits in which the presence of water is accidental: machine tools, farm and food products industries, paper mills, steel making, etc.

SPECIFICATIONS

International specifications

- ISO 6743/4 HM
- DIN 51524 P2 HLP
- US steel 136, 127
- SAE MS 1004
- Bosch Rexroth RE 90 220
- Eaton Vickers I-286-S (Industrial), M-2950-S (Mobile)
- Cincinnati Milacron P 68, P 69, P 70
- DENISON HF0, HF1, HF2 (approval of T6H20C pump).

Manufacturers

ADVANTAGES

- Excellent antiwear properties ensuring protection of machine parts.
- Exceptional oxidation and thermal stability: greater service oil life and lengthening of oil change intervals.
- Excellent filterability with or without presence of water.
- Remarkable resistance to hydrolysis and good demulsification properties.
- Good antitrust and anticorrosion properties for optimal protection of circuit components.
- Reacts very well to air: rapid air release and low foaming tendency.
- AZOLLA AF does not contain heavy metals or zinc to avoid contributing to their accumulation in the environment.

TYPICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>METHOD</th>
<th>UNITS</th>
<th>22</th>
<th>32</th>
<th>46</th>
<th>68</th>
<th>100</th>
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<tbody>
<tr>
<td>Density at 15 °C</td>
<td>ASTM D 4052</td>
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<td>0.865</td>
<td>0.873</td>
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<tr>
<td>Kinematic viscosity at 40 °C</td>
<td>ASTM D 445</td>
<td>mm²/s</td>
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<td>Kinematic viscosity at 100 °C</td>
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<td>Viscosity index</td>
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<td>97</td>
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<td>Cleveland VO flash point</td>
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<td>°C</td>
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<tr>
<td>Pour point</td>
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<td>-21</td>
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<td>Foaming Sequence1</td>
<td>DIN 51566</td>
<td>ml/ml</td>
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<td>AFNOR filterability (0.8 micron), IF</td>
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<td>1.03</td>
<td>1.07</td>
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Above characteristics are mean values given as an information.