**Additin® RC 9207**

**Additive Package**

**Description:**
Zinc containing oxidation, rust and wear inhibiting additive package - for antiwear hydraulic fluids according to:

- DIN 51524, part 2 (HLP);
- AFNOR NF E 48-603 (HM);
- Sperry Vickers I-286-S;
- Denison Filterability TP 02100;
- U.S. Steel 126;
- U.S. Steel 127- for R&O hydraulic fluids according to:

- DIN 51524, part 1 (HL);
- AFNOR NF E 48-603 (HL)

<table>
<thead>
<tr>
<th><strong>Composition</strong></th>
<th>combination of thermal and hydrolytically stable zinc dialkyldithiophosphate with corrosion inhibitors</th>
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</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>yellow, clear liquid</td>
</tr>
<tr>
<td><strong>Zinc</strong></td>
<td>approx. 7.6 % weight</td>
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<tr>
<td><strong>Phosphorus</strong></td>
<td>approx. 6.6 % weight</td>
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<tr>
<td><strong>Sulfur</strong></td>
<td>approx. 13.8 % weight</td>
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<tr>
<td><strong>Viscosity, 40°C (ASTM-D 445)</strong></td>
<td>approx. 120 mm2/s</td>
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<tr>
<td><strong>Density, 20°C (ASTM-D 1298)</strong></td>
<td>approx. 1000 kg/m3</td>
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</table>
**Flash point, COC (ASTM-D 92)**

- approx. 150°C

**Mineral oil content**

- approx. 10 % weight

**Application** - antiwear hydraulic fluids - R&O hydraulic fluids

Additin RC 9207 is a barium- and calcium-free hydraulic fluid package offering excellent antiwear, corrosion protection and antioxidant characteristics at treat rates as low as 0,45 % by weight. Due to its high load carrying capacity Additin RC 9207 can be used to formulate high performance hydraulic fluids with antiwear reserve. Additin RC 9207 also exhibits good filtration properties even in the presence of water and when extremely fine filters are used.

**Solubility**

Soluble in mineral oils and synthetic base oils. However, it is necessary to verify the solubility in the base oils used and the compatibility with other additives.