# Additin® RC 9200

## Additive Package

### Type
Zinc containing oxidation, rust and wear inhibiting additive package
- for antwear hydraulic fluids according to:
  - Denison HF-0, HF-1, HF-2; Vickers M-2950-S, I-286-S; Cincinnati Machine P-68, P-69, P-70; U.S. Steel 127, 136; DIN 51524, part 2 and 3

### Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Composition</strong></td>
<td>combination of thermal and hydrolytically stable zinc dialkyldithiophosphate with corrosion inhibitors</td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>brown, clear liquid</td>
</tr>
<tr>
<td><strong>Colour (ASTM-D 1500)</strong></td>
<td>&gt; 8</td>
</tr>
<tr>
<td><strong>Zinc</strong></td>
<td>approx. 4 % weight</td>
</tr>
<tr>
<td><strong>Calcium</strong></td>
<td>approx. 1 % weight</td>
</tr>
<tr>
<td><strong>Viscosity, 40°C (ASTM-D 445)</strong></td>
<td>approx. 75 mm²/s</td>
</tr>
<tr>
<td><strong>Density, 20°C (ASTM-D 1298)</strong></td>
<td>approx. 0.998 g/ml</td>
</tr>
<tr>
<td><strong>Flash point, COC (ASTM-D 92)</strong></td>
<td>approx. 150°C</td>
</tr>
<tr>
<td><strong>Mineral oil content</strong></td>
<td>approx. 30 % weight</td>
</tr>
</tbody>
</table>

### Application
- premium performance hydraulic fluids with excellent filtration properties

Additin RC 9200 is a hydraulic fluid package offering outstanding antiwear corrosion protection and antioxidant characteristics at low treatment rates of 0.6 - 0.8 % by weight. Additin RC 9200 can be used to formulate high performance hydraulic fluids with excellent thermal stability (according to ASTM Cincinnati Machine P-68/P-69/P-70 requirements), hydrolytic stability (according to ASTM-D 2619 HF-0 requirements) and filtration properties even when extremely fine filters are used (according to AFNOR N FE 48-691 (wet)).

### 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.

### Test results
Test results see Technical Report

### Packing unit
200 kg bung-hole drums
Storage conditions

in a dry place at room temperature approx. 12 months

Handling

Consult material safety data sheet (MSDS) for additional handling information on Additin RC 9200.

® = registered trademark * The analytical data are guide values.

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