# Additin® RC 5001

## Water miscible additive

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<thead>
<tr>
<th>Type</th>
<th>Lubricity additive for fully synthetic metal working fluids and HFC-fluids</th>
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</thead>
<tbody>
<tr>
<td><strong>Technical Data</strong></td>
<td><strong>Composition</strong></td>
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<td><strong>Appearance</strong></td>
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<td></td>
<td><strong>Viscosity, 40°C (ASTM-D 445)</strong></td>
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<td></td>
<td><strong>Density, 20°C (ASTM-D 1298)</strong></td>
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<td><strong>Pour point (ASTM-D 97)</strong></td>
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<td><strong>Cloud point, 5% aqueous solution</strong></td>
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<td></td>
<td><strong>Solubility in water, 20°C</strong></td>
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<tr>
<td></td>
<td><strong>Flash point, COC (ASTM-D 92)</strong></td>
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## Application
- fully synthetic metal working fluids (oil-free systems)
- tank-side-addition of metal working solutions
- hydraulic fluids (type HFC)

Additin RC 5001 is a water soluble additive with a high lubricity and a low foaming performance. Typical treatment levels in fully synthetic concentrates are 5 to 20%. For tank-side addition of metal working solutions 0.2 to 0.5% are used.

Additin RC 5001 can be used as low-foaming base fluid in HFC-fluids.

## Solubility
Additin RC 5001 is generally good soluble in fully synthetic concentrates. However, it is necessary to verify the solubility in the base fluids used and the compatibility with other additives.

Used as tank-side additive Additin RC 5001 is soluble by sufficient turbulence of the metal working solution.

Additin RC 5001 is not soluble in mineral oils and ester oils.
Test Results
see technical report

Packing Unit
215 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 5001.

® = registered trade mark
* The analytical data are guide values.
Additin RC 5001 is on EINECS and TSCA inventory.

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