

**Additin® RC 4801**

**Corrosion Inhibitor**

<b>Type</b>	Ashless corrosion inhibitor	
<b>Technical data*</b>	Composition	semi-ester of succinic acid derivative
	Appearance	yellow, clear, medium viscosity liquid
	Viscosity, 40 °C (ASTM-D 445)	approx. 1100 mm <sup>2</sup> /s
	Density, 20 °C (ASTM-D 1298)	approx. 0.97 g/ml
	Acid number (ASTM-D 974)	approx. 160 mg KOH/g
	Saponification number (DIN 51559)	approx. 235 mg KOH/g
	Flash point, COC (ASTM-D 92)	approx. 150 °C
	Mineral oil content	approx. 30 % weight

- Application**
- turbine oils
  - compressor oils
  - hydraulic fluids
  - industrial gear oils
  - moulding oils
  - lubricating greases
  - rust preventative oils
  - fuels, diesel oil, gasoline

Additin RC 4801 is a succinic acid semi-ester. Due to its special chemical structure it acts as a particularly effective anticorrosion additive with excellent demulsifying properties. Additin RC 4801 can be used as corrosion inhibitor where metal-containing anticorrosion additives are not desired.

In industrial oils an effective anticorrosion performance can be obtained with a treatment level as low as 0.03 - 0.05 % by weight.

At higher treatment rates of 1.0 - 10.0 % by weight Additin RC 4801 can be used for the formulation of rust preventative oils. In these applications the anticorrosion properties of Additin RC 4801 exceed the performance of standard calcium or barium sulphonates.

**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.

<b>Test results</b>	Test results see Technical Report
<b>Packing unit</b>	200 kg bunghole drums
<b>Storage conditions</b>	in a dry place at room temperature approx 12 months
<b>Handling</b>	Consult material safety data sheet (MSDS) for additional handling information on Additin RC 4801.

® = registered trade mark

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\*The analytical data are guide values.

Additin RC 4801 is on EINECS and TSCA inventory.

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products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely rely your own responsibility. Should, in spite of this,

liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.

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