

Additin® RC 8221 Special Product

Type

Non-ferrous metal deactivator

Technical data*

Composition	tolyltriazole
Appearance	yellowish granules
Density, 100 °C (ASTM-D 941)	approx. 1.13 g/ml
Powder Density	approx. 550 g/l
Flash point, COC (DIN 51376)	approx. 180 °C
Pounds per U.S. Gallon @ 20°C	9.44

Application

- metalworking fluids
- hydraulic fluids
- gear oils
- turbine oils
- compressor oils
- greases
- slideway oils

Additin RC 8221 is recommended to be used to protect copper or copper alloys against corrosion. A very thin and stable film is formed on the metal surface by chemisorption which protects the metal without staining of the heat transfer. The negative influence of dissolved copper ions on the oxidation stability of lubricants and rubber parts is minimized. This can be seen by strong synergistic effect in combination with antioxidants. Corrosion, especially pitting on metals like aluminum, zinc and ferrous metals by forming copper deposits on the metal surface is avoided.

Solubility

The solubility in the base oils used and the compatibility with other additives should be verified.

Test results

Test results see Technical Report



Packing unit

220 lbs. drums

Storage conditions

In a dry place at room temperature approx. 12 months

Handling

This product is harmful, symbol Xn. Consult material safety data sheet (MSDS) for additional handling information on Additin RC 8221.

® = registered trade mark * The analytical data are guide values. Additin RC 8221 is on EINECS and TSCA inventory.

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the 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 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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