

r.rhenus Rotanor SCM

water-miscible drawing oil

r.rhenus Rotanor SCM is a brown coloured, emulsifiable special metalworking fluid free of chlorine for non cutting metal forming operations.

Application

r.rhenus Rotanor SCM is used for difficult non cutting metal forming operations as well as for machining operations.

A specific combination of polar substances and EP additives provide the emulsions with a high pressure load capacity. The choice of basic compounds makes sure that the product can be used for nonferrous metals, aluminium, steel and stainless qualities.

Properties

- whitish, finely dispersed emulsion
- substantial adhesiveness
- extremely high pressure load capacity
- good corrosion protection properties
- good skin compatibility
- suitable for circulating lubrication system

Technical Data

Viscosity 40 °C (mm ² /s)	Density 20 °C (g/ml)	pH value at 10 % (NW 20)	Copper corrosion grade
225	1,0	8,2	1

Recommended mixing ratio:
Non cutting forming operation
Machining

approx. 10 % up to max. 30 %
approx. from 5 %

Refractometer factor

1,0

Subject to modification of the technical data. Please refer to the material safety data sheet for additional information or contact our application engineers.

Edition

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