

r.rhenus XY 100 RS

r.rhenus XY 100 RS is a water-miscible metal working fluid for grinding operations, free from mineral oil.

Application

r.rhenus XY 100 RS possesses good rust preventative properties and can also be used as corrosion protection agent. It is also suitable for all grinding operations

Properties

- transparent solution
- high stability
- very good corrosion protection
- good sedimentation properties
- very good grinding surfaces
- no odour and very mild
- good skin tolerance
- very good flushing effect
- water hazardous class 1

Technical Data

Concentrate	Solution		
Viscosity 20 °C (mm ² /s)	pH-value at 3 %	Foam UT (3 % NW 20)	Corrosion protection (DIN 51360/2)
approx. 45	9,3	< 3 min	at 2 % grade 0

Remarks

To prepare initial fill of solution slowly add the coolant concentrate to drinking quality water, assuring thorough mixing. For best results mixing through an automatic mixer is recommended.

Recommended mixing ratios:

Grinding of steel	from 2 %
Corrosion protection dope	3 – 5 %

The concentration of the operating solution can be determined by means of a pocket refractometer.

Refractometer factor

1,2

Rhenus metal working fluids are free from chlorine organic substances, nitrite and secondary amines. They contain natural raw materials, therefore, slight differences in colour and appearance are possible. This does not affect the quality and function of the product in any way.

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

Edition

10/06