

rhenus FY 127 S

rhenus FY 127 S is a mineral oil-free, chlorine, boron and nitrite-free, clearly water-soluble cooling lubricant.

Application **rhenus FY 127 S** is a full-synthetic cooling lubricant intended for grinding steel and cast iron. The grinding process can be observed through the transparency of the solution.

- Characteristics**
- clear solution
 - Very low foaming
 - Good anti-corrosion effect
 - Good skin tolerance

Preparation The operating solution is prepared by slowly pouring it into the drinking water provided while stirring thoroughly at the same time, or with the help of automatic mixers.

Technical data

Concentrate	Solution		
Viscosity 20 °C (mm ² /s)	pH-Value 5 %ig	Foam UT (3 % - NW 5)	Corrosion protection (DIN 51360/2)
Approx. 1.4	9.1	< 30 s	5 % Grade 0

Refractometer factor 6.0

The concentration of the operating solution can be determined with a handheld refractometer. The value read in °Brix multiplied by the refractometer factor gives the concentration in %.

In the case of older solutions, reading is sometimes difficult.

Mix suggestions Grinding of steel, cast iron: 5 - 7 %

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General information For the application, please observe the applicable VDI guidelines 3035, 3397 sheet 1 – 4.

Protect from frost, heat and direct sunlight. Recommended storage and transport temperature: 5 - 40 °C

The information in this leaflet gives only general, non-binding orientation values that we have gained from our current knowledge during research and development as well as from applications under specific laboratory conditions. Under no circumstances do they contain an assurance of properties or a guarantee for the suitability of the product for the individual case.

The performance and properties of the product as well as the results achieved with it depend on the individual application and a large number of factors such as the working conditions and the system configuration and can vary considerably.

The information does not release the user from the responsibility for always checking the product for integrity, checking the suitability of the product for the individual case and testing it in an experiment, and using the product in accordance with the recommendations and specifications. If you have any questions about the use and suitability of the product, please contact our application engineering department.

Our products are subject to constant optimization processes. We therefore reserve the right to make changes to the composition and manufacture - provided that there are no customer-specific agreements to the contrary.

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