

Water-miscible coolant

rhenus TU 446

- Flexible and efficient: coolant perfectly tailored to changing machining conditions; suitable for the most demanding materials
- Simple handling in operational processes: no GHS labels or associated restrictions resulting from legal requirements
- Low-maintenance and cost-optimised: Composition creates the ideal conditions for ensuring machines stay clean and workpieces remain free of residue

Key features Material suitability High-quality all-round product with a wide Cast iron range of applications 5 Plastic Steel For materials that are particularly sensitive to stains 3 2 Can also be used with non-ferrous metals, especially copper alloys Non-ferrous Stainless Tested for compatibility with polyurethane and paint metals steel Also suitable for use with low water hardness Long-term stability and low odour Titanium Aluminium 6 = ideally suited 0 = less well suited

Material compatibility

	Copper	AI 5083	AI 7075
rhenus TU 446	No corrosion, no discolouration	No corrosion, no discolouration	No corrosion, no discolouration

Total Immersion Corrosion Test (ASTM F 483)

If you have any questions, please do not hesitate to email us at sales@rhenuslub.de or call us on +49 (0)2161 58690

The information provided in this product description is a general guideline derived from our current findings from R&D as well as from applications conducted under specific laboratory conditions. The properties of the product and the production results obtained therewith are dependent on the conditions of use in isolated cases and can vary considerably. It is only possible to determine the suitability of the product for a certain application by conducting a specific test as an isolated case. It is not possible to determine the suitability from this product description alone.

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Safer process. Safer profit.







Performance



Inoculation cycle test with high concentration of bacteria (laboratory test, dipslide after 48 hours)

Tapping Torque Test







Cost factors influenced by coolant

Environment and health and safety

	Perfect alternative to products based on secondary amines
	No GHS pictograms
>	No SVHC ingredients
	No formaldehyde releaser used
	Water hazard class 1