

Everything you need to make your life easier – and nothing more

The production process can push a coolant to its limits — but that doesn't automatically mean that the coolant should push you to yours! The innovative composition of rhenus TS 440 sets itself apart by being easy to handle without sacrificing quality, reliability or health and safety.

Wide range of applications

for all common production processes
and the most diverse materials and alloys

Robust performance capabilities

for varying tasks and challenging production
conditions

Low-maintenance composition

for reduced maintenance effort and optimised
process costs

Long-term stability without compromise

entirely free from boron, formaldehyde depot
substances and secondary amines

Nothing but premium every time: coolants from **Rhenus Lub**

Rhenus Lub is an innovation leader in the segment for lubricants and industrial greases. Our aim is to provide our partners with innovative, high-quality solutions and to strike the perfect balance between expertise and cost-effectiveness.

We're happy to help, offering a personal, qualified and committed service!

The specialists from our technical sales department will be happy to provide you with further information regarding our new rhenus TS 440 coolant and can assist you with any individual questions you may have.

Rhenus Lub GmbH & Co KG
Hamburgring 45
41179 Mönchengladbach

Telephone +49 2161 5869-0
Fax +49 2161 5869-93

vertrieb@rhenusweb.de
www.rhenuslub.de/en/

Safer process.
Safer profit.



04/2020, Version 01, EN



This one keeps, no matter what
rhenus TS 440 COOLANT
New and unrivalled in its robustness!

Safer process.
Safer profit.



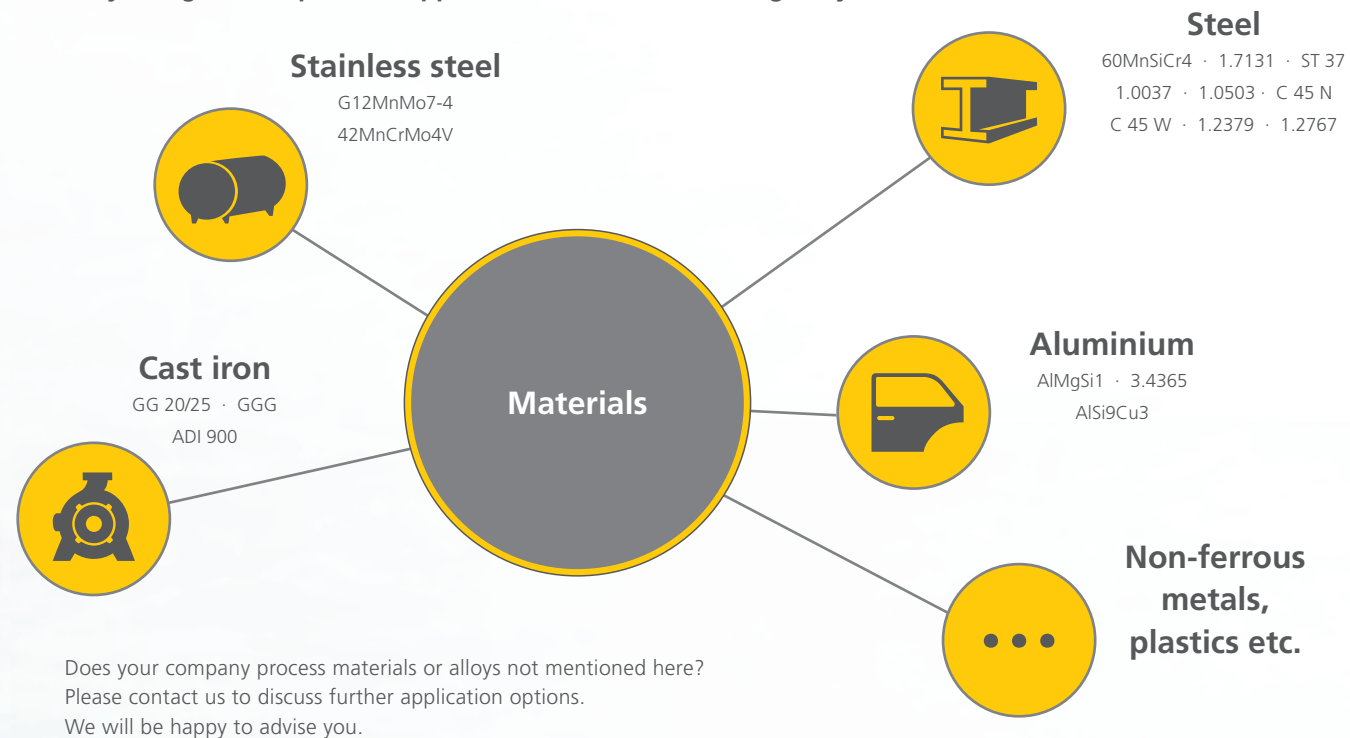
The less time you have to spend thinking about your cooling lubricant, the better: **rhenus TS 440**

The efficiency of your production process depends largely on the reliability of the coolant you use. That's why the new water-miscible rhenus TS 440 is geared towards one thing above all others: your requirements. At the end of the day, the coolant you use has to boost the profitability of your business.

When developing our new coolant, we placed a great deal of focus on the factors that are crucial for your success. rhenus TS 440 is a compound that offers long-term stability, is extremely reliable, is easy to maintain and can be used for a wide variety of applications. So you can concentrate on your production process!

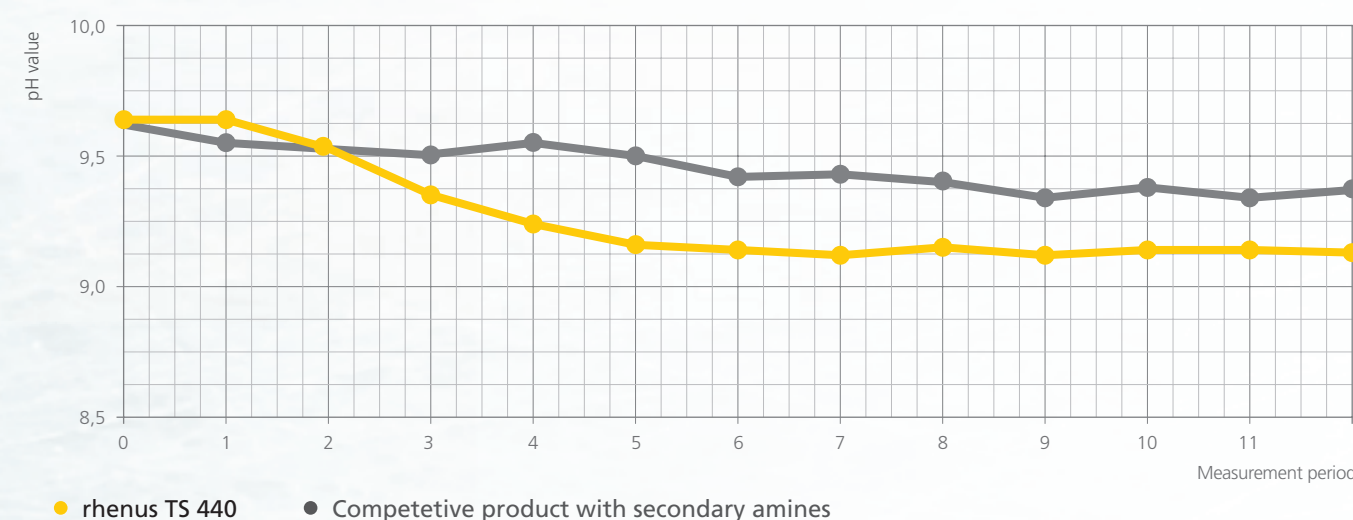
The perfect combination of long-term stability, a wide variety of applications and simple handling

Already being used in practical applications with the following alloys



Long-term stability

Good pH value stability ensures that rhenus TS 440 can be used reliably over the long term.

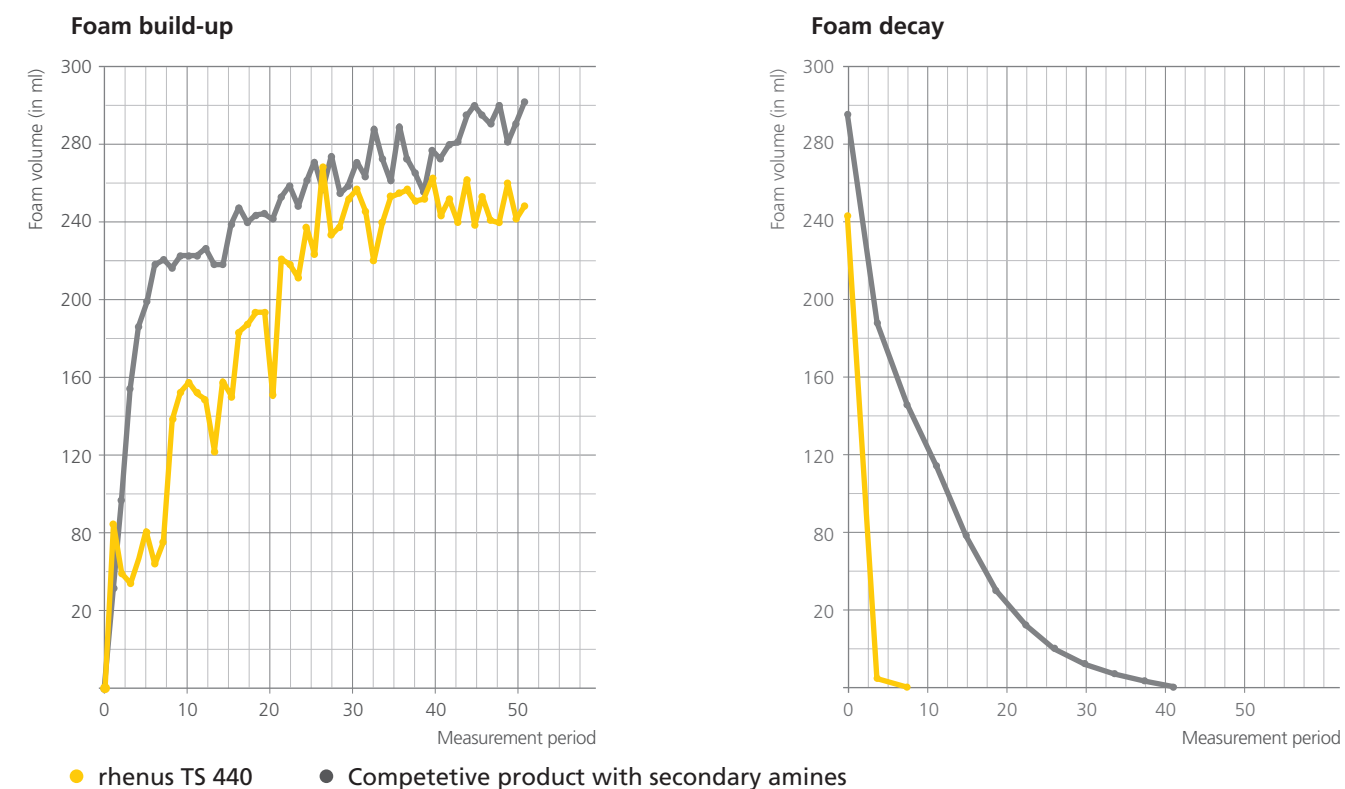


Properties

- water hazard class 1
- pH range 8.9–9.5
- for water hardnesses starting from 5°dH
- conventional usage concentration 6–10%
- up to 70 bar

Foaming behaviour

Exceptional foaming behaviour ensures low maintenance effort when you use rhenus TS 440.



Technical data

Appearance of concentrate (visual)	slightly cloudy
Viscosity (at 20°C, as per DIN 51562)	ca. 200 mm ² /s
Density (at 20°C, as per DIN 51757)	0,97 g/ml
Mineral oil content (calculated)	40 %
Appearance of emulsion (visual)	opal, feindispers
pH value (freshly mixed, 5%, as per DIN 51369)	9,6
Corrosion protection (4%, as per DIN 51360/1)	0

Areas of application

grinding	turning	drilling	milling	thread machining
✓	✓	✓	✓	✓