

## Q8 Bach RSA 820

High performance neat cold rolling fluid for stainless steel, copper and copper alloys

### Description

Q8 Bach RSA 820 is a high performance neat cold rolling fluid for ferrous metals like stainless steel, and non ferrous metals like copper and copper alloys. The extreme pressure additive level is increased versus Q8 Bach RSA 818, and makes this product an further improved solution for the manufacturing of metal strip, while reducing roll wear and improving surface finish. Q8 Bach RSA 820 offers excellent oxidation stability and anti-rust properties, ensuring outstanding lubrication and continuous protection. The product is specifically designed for high speed reversing mills, but suitable for all cold rolling mills.

### Applications

Q8 Bach RSA 820 is designed for all types of high to low speed cold rolling mills of metal strip, like stainless steel, copper, high carbon steel, titanium, nickel and their alloys. It is typically applied in cluster type reversing mills where the bearings are also lubricated with the cold rolling fluid.

The wide range of metals, cold rolling conditions and environmental requirements may create customer specific demands. Customization of the fluid composition is an approach to meet these needs and optimize performance.

### User instructions

In order to preserve the integrity of this product, drums should be stored inside a building protected from frost, water entry and direct sunlight.

### Environment, Health and Safety

Please consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0.84
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	8
Total Acid Number	D 974	mg KOH/g	< 0.05
Flash Point, COC	D 92	°C	160
Ash	D 482	% mass	< 0.01
Copper Strip, 3 h, 100 °C	D 130	-	1a
Appearance	Visual	-	Bright & Clear

The figures above are not a specification. They are typical figures obtained within production tolerances.

### Remarks

Please contact your Q8Oils representative for further advice and support on your specific application and equipment.

## Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Bach RSA 820 is **1.28** kg CO<sub>2</sub>eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check here



**we  
take  
care**

PRODUCT CARBON FOOTPRINT  
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:  
ISO 14067 | ATIEL-UEIL PCF

