

Q8 Bach RW 2920

Semi-synthetic very high performance water soluble rolling fluid

Description

Q8 Bach RW 2920 is a semi-synthetic very high performance rolling fluid for the production of quality strips. This product is based on the latest dual Extreme-Pressure technologies combined with lubricity additives.

Applications

Q8 Bach RW 2920 is developed for high demanding rolling operations of quality strips. The dual Extreme-Pressure technology is very suitable for cold rolling of copper, copper alloys and ferrous metals like stainless steel.

Q8Oils cold rolling fluids are based on the latest technology and contain additives especially developed for the manufacturing of metal strip to ensure higher quality surface finish, higher reductions and high rolling speeds.

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.

Q8Oils recommends to apply at 3-10% concentration mixed with DM/DI/RO water depending on the substrate, with emulsion temperatures in the range of 50-60°C. Higher concentrations may be applicable for harder alloys, other metals, or other conditions such as less optimal emulsion temperatures, For example 6-12% in case of lower emulsion temperatures while rolling harder ferrous and non-ferrous alloys.

Environment, Health and Safety

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

Properties

	Method	Unit	Typical
Appearance (Concentrate)	Visual	-	bright and clear
Appearance (Emulsion)	Visual	-	milky
Density, 20 °C	D 4052	g/ml	0.90
Corrosion characteristics of water-mix metalworking fluids	IP 125	%	2% pass
pH 5% in DI water	E 70	-	7.7
Total Acid Number	D 974	mg KOH/g	3.1

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.