

Q8 Brunel XF 575

High performance full synthetic grinding fluid

Description

Q8 Brunel XF 575 full-synthetic grinding fluid on cast iron, carbon steel, stainless steel and alloys. When mixed with water, this product forms a transparent, stable solution that is clean in use and does not degrade or produce bad odours.

Applications

Q8 Brunel XF 575 is recommended for grinding operations on cast iron, carbon steel, stainless steel and alloys

User instructions

1. The correct mixing procedure is to add Q8 Brunel XF 575 to water and stir. For this operation we recommend positive displacement (Dosatron type) mixing units.
2. In order to preserve the integrity of this product, drums should be stored inside a building protected from frost and direct sunlight.
3. Recommended concentrations are listed below.

General machining	6 – 10%
General grinding	5 - 6%

Note: In some circumstances and applications, it is beneficial to exceed the recommendations shown above.

Environment, Health and Safety

Q8 Brunel XF 575 is free of added formaldehyde, chlorine, boron, boric acid and secondary amines. It is compliant with the TRGS 611 specification. This ensures environmental safety & operator health. Please consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

Properties

	Method	Unit	Typical
Appearance (Emulsion)	Visual	-	Transparent
Appearance (Concentrate)	Visual	-	Clear
Density, 20 °C	D 4052	kg/l	1.07
pH@5% in 400 ppm CaCO ₃ in water	E 70	-	9.3
Refractometer Factor	-	-	2
Corrosion characteristics of water-mix metalworking fluids	IP 125	%	2%
Determination of rust prevention characteristics of water-mix metalworking fluids	IP 287	%	2%

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.