

Q8 Berlioz XMR

Q8 Berlioz XMR is a conventional water soluble cutting fluid

Description

Q8 Berlioz XMR is based on renewable resource raw materials hence providing an environmentally superior product. This low odour milky soluble product has corrosion protection additives to protect both the work piece and the machine from rust and staining. Q8 Berlioz XMR contains a powerful biocide to protect against bacterial and fungal infections, keeping the emulsion newer for longer. The formulation does not contain Boron, Formaldehyde, cresols or nitrites and it is TRGS 611 compliant.

Applications

Q8 Berlioz XMR is recommended for all general light to medium machining operations, especially milling, drilling, boring, reaming, sawing and shaping of low tensile steels, non-ferrous and aluminium type materials. The product provides an excellent surface finish.

User instructions

The correct mixing procedure is to add Q8 Berlioz XMR to water and stir. Positive displacement (Dosatron type) mixing units are recommended for this operation and are available on request.

Recommended concentrations are listed below, in certain applications it may be beneficial to run at higher concentrations than those stated below.

General machining > 7%

*please consult the technical department

In order to preserve the integrity of this product, drums should be stored inside a building protected from frost 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
Mineral oil content	-	%	65
Density, 20 °C	D 4052	kg/l	0.894
Kinematic Viscosity, 40 °C	D 445	mm ² /s	41
Appearance (Emulsion)	Visual	-	Lattea
pH@5% in 400 ppm CaCO ₃ water	E 70	-	9.6
Determination of rust prevention characteristics of water-mix metalworking fluids	IP 287	%	4
Corrosion characteristics of water-mix metalworking fluids	IP 125	%	3
Refractometer Factor	-	-	0.9

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 Berlioz XMR is **1.39** kg CO₂eq / kg.*

*Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.
For more info check here*



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