

Q8 Brahms WS 9750

Water miscible stamping and forming fluid

Description

Q8 Brahms WS 9750 is an emulsifiable lubricant with a high content of mineral oil containing long-chain chlorinated paraffins, extreme pressure and lubricity additives. It forms a milky emulsion with water and has low tendency to foam formation.

Applications

Soluble forming oil for stamping and drawing operations on ferrous and non-ferrous materials with excellent compatibility with aluminum and copper alloys.

User instructions

Best results are obtained by gradually adding Q8 Brahms WS 9750 to water, with a minimum concentration of 5/8 % and a maximum of 15/20 %. Using a suitable mixer to optimize and maintain consistent dispersion of the concentrate in water allows for more stable and homogeneous emulsions. It is recommended to store the concentrate away from sunlight and water, at temperatures between a minimum of 5°C and a maximum of 40°C.

Environment, Health and Safety

Q8 Brahms WS 9750 does not contain biocide and it is free from cresols, nitrites, boron, boric acid, DCHA and secondary amines. It is compliant with the TRGS 611 specification. Please consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

Properties

	Method	Unit	Typical
Mineral oil content	-	%	38
Density, 20 °C	D 4052	g/ml	1.00
Kinematic Viscosity, 40 °C	D 445	mm ² /s	240
Appearance (Emulsion)	Visual	-	milky
pH 5% in DI water	E 70	-	8.8
Chlorine	ASTM D 6443	% mass	12
Determination of rust prevention characteristics of water-mix metalworking fluids	IP 287	%	pass at 4%
Refractometer Factor	-	-	1.2
Flash Point, P-M	D 93	°C	190

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.