

Water-Soluble Rust-Proof Emulsion

Product Introduction:

We are a professional lubricant manufacturer. We produce many types of products. Today we mainly introduce T919 water-soluble metal working fluid with good performance and low cost.

Emulsified metal working fluid T919 is one type of biological stable water soluble antirust emulsion with good lubricity and extreme pressure performance. It doesn't contain phenolic fungicides. It will have good processing performance in hard water and soft water.

T919 is a kind of Emulsion Metal Working Fluid. According to its use, it can be divided into the following four categories: Oil Soluble Metal Working Fluid, Water Soluble Semi Synthetic Cutting Fluid, Water Soluble Fully Synthetic Cutting Fluid and Emulsion Metal Working Fluid by different application

Application:

Suitable material: Suitable for ferrous metals, such as carbon steel, stainless steel, alloy steel, ect., also suitable for most of nonferrous metals processing.

Processing method: Suitable for various processing methods, such as grinding, turning, drilling, tapping, ect.

Features:

- ★ Biological stable type, long life, not easy to stink.
- ★ Excellent rust resistance performance, rust prevention between processes for up to 15 days.
- ★ Good lubricity, it can reduce coolant spring out amount, meanwhile keep tools and parts clean, effectively improve tools life.
- ★ Excellent washing and cooling performance.
- ★ It contains no chlorine, friendly to operator and environment, low odor.
- ★ Not destroy paint and is compatible with machine tool seals that are commonly used.

Recommended used concentration:

Process Material Process Method	Cast iron	Low carbon steel	High carbon steel	Stainless steel	Heat resisting alloy	Nonferrous metal
Turning	4.5%	4.5%	5%	5%	5%	4.5%

Milling	4.5%	4.5%	5%	5%	5%	4.5%
Drilling	5%	5%	5.5%	6%	5.5%	5%
Tapping	5%	5%	5.5%	6%	5.5%	5%
Grinding	4%	4%	5%	5%	5%	4%
Sawing	5%	5%	5.5%	6%	5.5%	5%

Note:

For excellent antibacterial ability, the recommended used concentration is not less than 4%.

Typical Data:

Item	Test Method	Unit	Typical Data
Concentration Fluid			
Appearance	BAM 300	-	Yellow transparent liquid
Density(20°C)	IP365	g/ml	0.89
5% Dilution Solution			
Appearance	BAM 189	-	Light creamy white
PH value	BS1647	-	8.8
Antirust: Steel	IP287	-	0%
Aluminium	-	-	No rust spot
Foam performance	IP312	s	15
Refractive meter reading	-	-	60

Note: Above are typical data, not represent specifications.

If in need, MSDS is available, you can obtain information about storage, safety operation and handling. The data above is as accurate as possible, but may change based on future formula change.

If you have any needs in this area, please contact Wendy, a professional lubricant manufacturer, to provide you with quality professional services.

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