ZHENGZHOU CHORUS LUBRICANT ADDITIVE CO.,LTD

Email: eilin@cn-lubricantadditive.com; Web: www.cn-lubricantadditive.com Add: No. 11 Changchun Road, Zhengzhou, China; Tel: +86- 18339818406



Water Based Semi Synthetic Metal Working Fluid Emulsion T3083

■Product Introduction

T3083 is a semi synthetic cutting fluid with low oil content and long service life, which is specially developed and designed for the processing of ferrous metals, aluminum and other non-ferrous metals. Free of, chlorine, phenols and nitrite. It contains special anti hardening agent, which can easily deal with the high hard water quality environment in different regions.

Application:

Suitable material:

It is applicable to the processing of ferrous metals (cast iron, carbon steel, stainless steel, etc.) and non-ferrous metals and alloys such as aluminum and copper.

Processing method:

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

Features:

- ★ Biological stable type, high efficiency sterilization system with long life.
- ★It contains special additives and has strong anti-corrosion performance. It does not change color when processing non-ferrous metals such as aluminum and copper
- ★Good wettability can reduce the amount of coolant carried out and keep the tools and workpieces clean at the same time
- ★Excellent flushing and cooling performance, effectively improve the processing quality of workpieces
- ★Excellent lubrication performance, can cope with partial tapping, tapping and medium load processing, and effectively prolong the service life of tools
- ★Environmentally friendly formula, low odor, no odor, no damage to the operator and the environment
- ★It has good anti rust performance of the machine, does not damage the paint, and is compatible with the commonly used machine tool seals

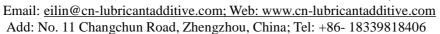
Recommended used concentration:

Process Material Process Method	Cast iron	Carbon Steel	Stainless Steel	Aluminium Alloy
Turning	5%	5%	5%	6%
Milling	5%	5%	5%	6%
Drilling	7%	7%	8%	10%
Tapping	7%	7%	8%	10%
Grinding	5%	5%	5%	5%
Sawing	5%	5%	5%	8%

Note: For excellent antibacterial ability, the recommended used concentration is not less than 5%;

Typical Data

ZHENGZHOU CHORUS LUBRICANT ADDITIVE CO.,LTD





Item	Test Method	Unit	Typical Data
Concentration Fluid			
Appearance	BAM 300	-	Transparent yellow liquid
Density(20° C)	IP365	g/ml	0.89
Refractive meter reading	-	-	46±1
5% Dilution Solution			
Appearance	BAM 189	-	Microemulsion translucency
PH value	BS1647	-	8.7
Antirust (5): Steel Aluminium Copper	IP287 - -	-	0% Pass through Pass through
Foam Performance	IP312	s	10
Refractive meter reading	-	-	3

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.