

## JICHUAN COOLCUT 100T

### PRODUCT DESCRIPTION:

JICHUAN COOLCUT 100T is a water soluble cutting and grinding fluid formulated for a wide range of machining operations on both ferrous and non-ferrous metals. With its advanced emulsifier technology, it mixes readily with water to form an extremely stable emulsion with excellent surface wetting characteristics and virtually no foam. JICHUAN Coolcut 100T has exceptional lubricity and extreme pressure properties that give outstanding surface finishes as well as longer tool life compared to conventional heavy duty soluble oils. It has excellent bioresistance which allows for long term service without rancidity. It contains an effective biocide that controls bacteria and fungi growth without being irritating to machine operator's skin.

JICHUAN COOLCUT 100T forms an opaque, light blue emulsion with a mild, pleasant odor. It provides excellent rust and corrosion protection and leaves no deposits or build-up on the machine or finished parts.

### TYPICAL USES:

JICHUAN Coolcut 100T may be used for grinding and machining of both ferrous and non-ferrous metals at the following ratios;

Surface & O.D. Grinding 50:1

Centerless Grinding 20:1 - 30:1

Light Duty Machining 30:1

Moderate Duty Machining 20:1

Severe Duty Machining 15:1

### FEATURES:

- Multi-metal, multi-operation applications
- Stable emulsion
- Excellent surface wetting
- Exceptional lubricity and EP characteristics
- Outstanding rust and corrosion protection
- Excellent bioresistance for long term service

Shanghai Jichuan Trading Co.,Ltd.

Add: No 1201, Yinhai Building, Caoxi Road, Xuhui District, Shanghai

24h Hotline: 15900706965

Website: [www.pingyiao.com](http://www.pingyiao.com)

Fax: (86)021-64513829

E-mail: [info@jichuan.sh.cn](mailto:info@jichuan.sh.cn)

Tel: (86)021-64820099

- Low foam even at 15:1 dilution
- Mild, pleasant odor
- No build-up or deposits on machine or parts
- Not irritating to operator's skin
- Dyed green

**NOTE:**

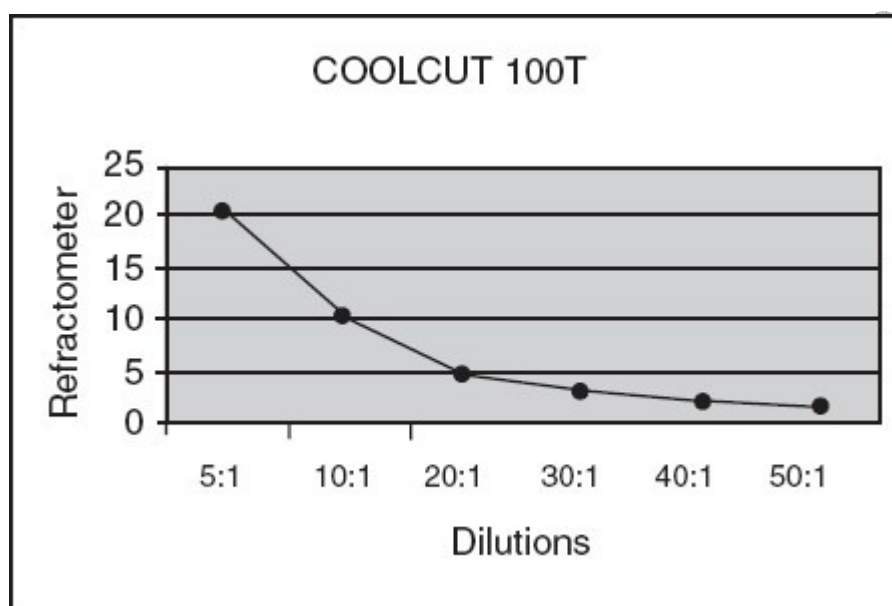
Never use soluble oil emulsions for machining magnesium.

Hot magnesium and water are a fire hazard!

Always mix by adding neat Coolcut 100T to water in tank or coolant reservoir.

Remember: Water first, then Coolcut 100T.

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY



**TYPICAL INSPECTIONS**

Gravity,°API	13.3
Viscosity,cSt@40°C.	71.7
Appearance	Bright/Clear
Color	Green
Odor	Pleasant/Mild
Rust Test(ASTM D665A)	Pass
Foam Test	Pass
Emulsion(10:1)	Excellent
Emulsion Stability	Pass
Sulfur,%WT.	1.1
Chlorine,%WT.	7.0
pH,5%IN DI Water	9.0

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

Shanghai Jichuan Trading Co.,Ltd.

Add: No 1201, Yin Hai Building, Caoxi Road, Xuhui District, Shanghai

24h Hotline: 15900706965

Website: [www.pingyiao.com](http://www.pingyiao.com)

Fax: (86)021-64513829

E-mail: [info@jichuan.sh.cn](mailto:info@jichuan.sh.cn)

Tel: (86)021-64820099