

RMM MC SERIES/速成 MC 系列

Metal Cut Oil 金属切削液

Product Description/ 产品说明

RMM MC Series is a superior general-purpose oil suitable for a wide variety of metalworking operations that demand the protection from a water-soluble lubricant, and the heat removal characteristics of a coolant. The balanced combination of a suitably chosen mineral oil and effective emulsifying agents ensure outstanding performance in many applications. It provides excellent corrosion protection to machine surfaces and components being machined. It is resistant to bacteria growth and thus minimizes the occurrence of offending odor. Always add oil to water, and not water to oil. Maintain gentle agitation until all the oil had been added.

速成 MC 系列水溶性切削液是一种长寿命、生物稳定型、高性能的金属加工液。与水混合后形成乳状溶液。在大多数稀释水质中具有良好的稳定性。优越的抗菌能力可以减少维护成本并维持长久使用寿命。适当的含油量可以确保夹具和加工后的工件不被锈蚀，并且可以防止在机床导轨和夹具上留有黏性的参与物。

Features and Benefits/特征与优越性及优点

- Economical
- Forms stable emulsion
- Outstanding foam control
- Extends tool life
- Effective cooling properties
- Resists against bacterial attacks
- Excellent work finishes
- Effective general-purpose applications
- Protect against rust and corrosion
- 经济
- 乳液稳定性好
- 低泡沫

- 对刀具有良好的润滑和防腐蚀保护作用，使用寿命长
- 冷却能力强
- 抗菌力强，不易变质
- 非常好切削效果
- 防锈，提供强力之腐蚀保护

Applications/应用范围

Suggested oil-to-water ratios for various operations as shown below:

Operation Oil	Water Ratio
Grinding	1:30-60
Cutting	
Light Cutting	1:30-40
Turret lathe, Screw Machining, Milling and	1:20
Drilling	
Broaching, Threading, Gear Cutting	1:10
General Machining (non-ferrous materials)	1:20-30
General Machining (ferrous materials)	1:20

建议使用浓度：

速成 MC 系列推荐用于各种硬度金属的机加工作业。速成 MC1000 适合用在轻和中等度机加工。以下是切削液和水用途比率建议：

切削液	水比率
磨削	1:30-60
锯削	
轻型锯削、	1:30-40
铣削、车削，钻孔、镗孔和铰孔	1:20
螺钉，拉床，齿轮加工	1:10
非金素加工	1:20-30
金素加工	1:20

Typical Specifications/产品规格:

GRADE/等级	RESULT/报告
Density/相对密度, kg/Liter @ 15°C	0.89
Appearance/浓缩物外观	Amber/琥珀色
Colour/色度	2.5
Kinematic Viscosity 粘度, mm ² /s @ 40°C	51.6
Pour Point/倾点 °C	-15
Flash Point/闪点 °C	180
Emulsion Type/稀释液外观	Stable Milky 乳白
PH 值 @ 5%	色 9.0