



**COOLANT
CONTROL^{INC.}**

The right chemistry...

...the right solution

Product Bulletin

Cutrite 3215

Premium Biostable Semi-Synthetic

Description

Cutrite 3215 is a premium biostable semi-synthetic fluid for the machining and grinding of ferrous and non-ferrous metals. It is ideally suited for job shops that want a single fluid to perform well on a variety of metals and operations. **Cutrite 3215's** emulsifier system is designed to remain stable even in very hard water and yet properly balanced to minimize foam in softer water. **Cutrite 3215** is a clean product that provides dependable rancidity control when used in machining centers with individual sumps. However, the durable, long-lasting qualities of this versatile cutting fluid also make it an excellent choice for extended use in central systems.

Performance Benefits

- Chlorine-free formula is suitable for use on multiple metals including most aluminum alloys and titanium.
- Excellent machining performance on aluminum alloys in difficult operation such as roll form tapping, Mapal reaming, gun drilling, and deep hole boring.
- Biostable formula resists bacterial contamination preventing rancidity and extending coolant life.
- Excellent corrosion protection protects machine tools and parts.
- Long sump life in both individual sumps and central systems reduce overall costs.

Recommended Applications

Application	Concentration
Grinding	4% to 5%
Machining	5% to 8%

Typical Characteristics

Appearance	Clear to slightly hazy amber liquid
Specific Gravity @72F	0.940 to 0.970
pH (5% in water)	8.5 to 9.0
pH (neat material)	8.75 to 9.25
Refractive Index Factor	1.0