



COOLANT CONTROL^{INC.}

The right chemistry...

...the right solution

Product Bulletin

Cutrite 4820

General Purpose Coolant

Description

Cutrite 4820 is a *general purpose*, high oil containing soluble oil based on conventional technology. This is an excellent product for machining both hard and soft aluminum alloys, cast iron, and steel.

Performance Benefits

- Can be used on all ferrous machining.
- Eliminates metal buildup on cutting edge of tool while machining aluminum.
- Low foaming and *exceptionally* clean.
- Stable in 40 grain hard water. Easy to mix.
- Contains no phenols, chlorine, or DEA
- Extremely ultra-filtration compatible. Very low BOD after filtration.

Recommended Applications

Application	Concentration
Ferrous Machining	6% to 8%
Aluminum Machining	8% to 12%

Typical Characteristics

Appearance at 25 °C	Clear Amber liquid
Specific Gravity at 25 °C	0.928
pH neat	9.35
pH at 5% in water	9.2
Rust Control (Cast Iron Chip Test)	No Rust at 40:1
Refractometer Multiplier	1.0