



Innovation in Metalworking Fluids



Chip Rite 216

General Purpose Emulsifiable Cutting Fluid

Description

Chip Rite 216 is a general purpose emulsifiable oil, formulated to provide high levels of lubrication and cooling at the tool-workpiece interface. Forming a stable, long lasting emulsion when added to water, Chip Rite 216 will protect machines from corrosion, reduce foaming, and provide excellent finishes on the final part.

Applications

Chip Rite 216 is recommended for use in most general machining operations, including but not limited to: turning, drilling, milling, and grinding. It can be used on all ferrous and non-ferrous metals (except magnesium).

Typical Properties

Property	Results
<i>Concentrate Appearance</i>	Clear amber liquid
<i>Emulsion Appearance</i>	Milky white
<i>Specific Gravity</i>	1.007 @ 68 °F
<i>Bulk Density</i>	8.4 lbs/gallon @ 68 °F
<i>pH @ 5% dilution</i>	9.35 typical

Performance Features and Benefits

- Excellent lubrication and cooling properties provide extended tool-life and great finishes
- Excellent hard water stability and microbial control provide extended fluid-life
- Less downtime and mess due to low foaming properties, non-staining of non-ferrous metals, and corrosion protection of ferrous metals

Directions for Use

Machine Operation	Recommended Concentration
<i>Grinding</i>	4 – 5%
<i>Tapping</i>	10%
<i>Light Machining</i>	5 – 6%
<i>Heavy Machining</i>	7 – 10%

Always add Chip Rite 216 concentrate to water, NOT water to the concentrate. Proper maintenance is essential for extended coolant life; control concentration with a refractometer and remove tramp oils to ensure the product is operating to its highest potential.

Consult product SDS for complete product safety information.