



Innovation in Metalworking Fluids



Chip Rite 607

General Purpose Synthetic Cutting Fluid

Description

Chip Rite 607 is a general purpose full synthetic metalworking fluid, formulated to provide cooling properties along with good lubrication. Forming a clear solution when added to water, Chip Rite 607 will protect machines from corrosion, reduce foaming, and provide excellent finishes on the final part.

Applications

Chip Rite 607 is recommended for use in most general machining operations including, but not limited to: CNC machining, sawing, turning centers, milling, drilling, profiling, and creep feed grinding.

Typical Properties

Property	Results
<i>Concentrate Appearance</i>	Clear amber liquid
<i>Emulsion Appearance</i>	Translucent
<i>Specific Gravity</i>	0.995 @ 68 °F
<i>Bulk Density</i>	8.3 lbs/gallon @ 68 °F
<i>pH @ 5% dilution</i>	9.30 typical
<i>Refractive Index</i>	1.388
<i>Conversion Factor</i>	

Performance Features and Benefits

- Excellent cooling properties provide extended tool-life and great finishes.
- 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>	3 – 5%
<i>CNC Turning, Milling, Drilling</i>	5-10%
<i>General CNC, Sawing, Roll Forming</i>	5-8%
<i>Tapping</i>	7-10%

*Dependent on type of metal being machined. Lower concentration for Carbon Steels and Cast Irons; higher concentration for high alloys and stainless steels. Tool steels and Aluminum alloys fall in the middle of the range.

Always add Chip Rite 607 concentrate to water, NOT water to concentrate. Proper maintenance is essential for extended coolant life; monitor 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.