



Innovation in Metalworking Fluids



Saw Rite 100

General Purpose Semi-Synthetic Sawing Fluid

Description

Saw Rite 100 is a general purpose semi-synthetic fluid, formulated to provide both lubrication and cooling properties in all your sawing operations. Forming a translucent microemulsion when added to water, Saw Rite will protect machines from corrosion, reduce foaming, and provide excellent finishes on the final part.

Application

Saw Rite 100 is recommended for use in sawing applications including, but not limited to:

- Cutoff
- Band saws
- Power hacksaws
- Reciprocating

Typical Properties

Property	Results
<i>Concentrate Appearance</i>	Clear amber liquid
<i>Emulsion Appearance</i>	Translucent
<i>Specific Gravity</i>	0.995 @ 20 °C
<i>Bulk Density</i>	8.3 lbs/gallon @ 68 °F
<i>pH @ 5% dilution</i>	9.10 typical

Performance Features and Benefits

- Good 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

Concentration 5-15%*	Refractive Index Conversion Factor
5% (1:20)	4.2
7% (1:15)	5.8
10% (1:10)	8.3
15% (1:7)	12.5

*Dependent on type of metal being machining. 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 Saw Rite 100 concentrate to water, NOT water to 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.