



## ASTRO CUT MICRO-A XBP LF

### OVERVIEW

**ASTRO-CUT MICRO-A XBP LF** is a heavy duty mineral oil based LOW FOAM BIOSTABLE micro-emulsion concentrate designed to be water extendable for the machining and grinding of virtually all metals except magnesium. **ASTRO-CUT MICRO-A XBP LF** has improved biological protection and exceptional foam control for high pressure operations and is formulated without the use of chlorine.

### APPLICATIONS

**ASTRO-CUT MICRO-A XBP LF** is designed for use in high and low pressure metal removal operations such as all CNC milling, turning, drilling, tapping, grinding and sawing.

### FEATURES & BENEFITS

- Excellent Corrosion Inhibition
- Low Foaming
- Excellent Cooling and Lubricity
- Hard Water Tolerant
- Rejects Tramp Oil
- Extended Tank Life
- Free of Chlorine, Nitrites, and Phenol

### MIXING

Concentration	4%	5%	6%	7%	8%	9%	10%
Dilution Ratio	1:25	1:20	1:17	1:14	1:12	1:11	1:10
Refractometer Reading	3.6	4.5	5.4	6.3	7.1	8.0	8.8

### RECOMMENDED CONCENTRATION

Application	Concentration	Ratio	Refractometer
Milling, Drilling, Turning	5% - 10%	1:20 – 1:10	4.5 – 8.8
Centerless, ID, OD, Surface Grinding	4%	1:25	3.6
Tapping, Sawing, Reaming	10%	1:10	8.8

### TYPICAL PROPERTIES

Appearance – Concentrate	Amber Liquid
Appearance – Dilution	Translucent
Residual Film	Soft, Fluid
pH @ 5%	9.4 +/- 0.3
Specific Gravity	0.99 +/- 0.03
Lbs. / Gallon	8.27 +/- 0.1
Flash Point, PMCC	None