36 Draffin Road Hilton, New York 14468
Phone: 585-392-3434
Toll Free: 1-800-828-6351
Sales: sales@monroefluid.com
Technical: technical@monroefluid.com

Astro-Cut SYN XBP

Overview

ASTRO-CUT SYN XBP is a heavy-duty oil-free synthetic cutting and grinding fluid concentrate designed to offer outstanding machining performance as well as excellent corrosion control on machinery and workpieces while providing a long sump life. The use of enhanced additive technology enables ASTRO-CUT SYN XBP to provide extended biological stability and corrosion resistance in the working fluid. This product may be used on a variety of metals, including steels, cast iron and aluminum.

Applications

ASTRO-CUT SYN XBP has been designed for machining most metals except magnesium. Excellent on cast iron. This product may also be used for grinding: Blanchard, diamond wheel, belt, disk, etc. NOTE: Since this product is completely oil-free, it may be used in most coolant mist units for machining and grinding operations.

Features Benefits

· Superior Machining Lubrication
· Nitrite-Free
· Chlorine-Free
· Phenol-Free
· Very Low Foam – Excellent on High Pressure or High Speed Machining
· Excellent Cooling for Ability to Maintain Close Tolerances
· Tolerant of Hard Water
· Resistant to Damage from Tramp Oil
· Water Extendable- Economical
· Long Tank Life

Recommended Concentration

Application	Concentration	Ratio	Refractometer
Miling, Driling, Turning	5% - 10%	1:10 - 1:20	1.5 – 3.0
Centerless, ID, OD, Surface Grinding	4%	1:25	1.2
Tapping, Sawing, Reaming	10%	1:10	3.0

Mixing

Concentration	4%	5%	6%	7%	8%	9%	10%
Ratio	1:25	1:20	1:17	1:14	1:12	1:11	1:10
Refractometer	1.2	1.5	1.8	2.1	2.4	2.7	3.0

Typical Properties

Appearance-Concentrate	Blue liquid
Appearance - Dilution	Transparent Blue
Residual Film	Soft, fluid
pH @ 20:1	9.6 ± 0.2
Specific Gravity @ 60°F	1.03 ± 0.03
Lbs/Gallon	8.6 ± 0.1
Flash point, PMCC	None