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Astro-Sol N

Overview

ASTRO-SOL N is a soluble oil concentrate. This product was designed to be extended with water for the machining and grinding of virtually all metals except magnesium.

Applications

ASTRO-SOL N is designed for use in all metalworking applications such as CNC milling, turning, drilling, tapping and grinding.

Features Benefits

- Low Foaming
- Mild Pleasant Odor
- Excellent Corrosion Inhibition
- Long Lasting
- Excellent Hard Water Stability
- Operator Friendly
- Sulfur, Chlorine and Phosphorous Free
- Provides Excellent Finish

Recommended Concentration

Application	Concentration	Ratio	Refractometer
Miling, Driling, Turning	5%	1:20	4.3
Centerless, ID, OD, Surface Grinding	4%	1:25	3.4
Tapping, Sawing, Reaming	10%	1:10	8.5

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	3.4	4.3	5.1	6.0	6.8	7.7	8.5

Typical Properties

Appearance-Concentrate	Dark Amber liquid
Appearance- Dilution	Opaque White
Residual Film	Soft, fluid
pH @ 20:1	9.0 ± 0.2
Specific Gravity @ 60°F	0.90 ± 0.03
Lbs/ gal	7.5 ± 0.1
Flash Point, COC °F	355

Material Safety Data Sheets are available for all products.
All reasonable care has been taken to ensure
that the above information is accurate as of the date of printing.