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ASTRO-DRAW SYN FP

OVERVIEW

ASTRO-DRAW SYN FP is a heavy-duty synthetic, oil-free drawing, forming and stamping fluid, incorporating a blend of boundary and EP lubrication additives, in a water extendable package. ASTRO-DRAW SYN FP is a versatile drawing and stamping fluid that can be used neat or diluted with water. The film remaining after forming operations is easily removed with water or an alkaline cleaner. The product may be used on ferrous or non-ferrous metals.

FEATURES & BENEFITS

- Easily Removed With Water
- Mild Pleasant Odor
- Excellent Corrosion Inhibition
- Long Lasting
- Stable in Hard or Soft Water
- Operator Friendly
- For Ferrous and Non-Ferrous Metals
- Superior Lubricity

APPLICATIONS

ASTRO-DRAW SYN FP may be used for drawing and stamping operations where clean, oil-free parts are required for subsequent operations. ASTRO-DRAW SYN FP may be applied by brushing, dipping, spraying, rolling or other convenient method.

RECOMMENDED CONCENTRATION

Application	Concentration, %	Ratio	Refractometer
Severe Drawing and Forming	10% - 20%	1:10 to 1:5	6.0 – 12.0
Normal Applications	5% - 10%	1:20 to 1:10	3.0 – 6.0
Light Applications, Roll Forming Copper and Brass	4% - 5%	1:25 to 1:20	2.4 – 3.0

MIXING

Concentration, %	4%	5%	7%	10%	20%
Ratio	1:25	1:20	1:14	1:10	1:5
Refractometer	2.4	3.0	4.2	6.0	12.0

TYPICAL PROPERTIES

Appearance-Concentrate	Amber clear liquid
Appearance- Dilution	Translucent/Opaque
pH @ 10:1	8.7 ± 0.2
Specific Gravity @ 60 °F	1.03± 0.03
Lbs/Gallon	8.59 ± 0.1
Viscosity@40°	130 cSt

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.