



Innovation in Metalworking Fluids



Form Rite 870

Synthetic Metal Forming Lubricant

Description

Form Rite 870 is a full synthetic fluid, containing no oil, designed for heavy-duty metal forming operations. This product is fortified with extreme pressure additives allowing for increased performance when subjected to high pressure and high shear conditions.

Applications

- Deep drawing
- Bending
- Blanking
- Spinning
- Punching
- Stamping
- End and roll forming

Typical Properties

Property	Form Rite 870
Appearance	Dark amber liquid
Odor	Mild sweet
Specific Gravity, 25 °C	1.069
Refractive Index	1.18
Conversion Factor	

Performance Features and Benefits

- Ideal for copper and aluminum forming, providing exceptional finishes and protection from staining on these soft metals that are susceptible to corrosion.
- Maximum formability provides increased die and tool-life, decreasing costs associated with die/tool purchases and change out.
- Ashless making it easily annealable and weldable.

Directions for Use

Form Rite 870 can be applied by spray, roller, drip, or immersion is recommended for use at dilutions between 10% (1:10) and 50% (1:1). The ideal dilution will be dependent on the type and thickness of the metal, severity of operation, and the method by which the lubricant will be applied. Use of a refractometer is an essential part of fluid maintenance to ensure proper concentration is achieved.

Consult product SDS for complete product safety information.