



PRO-CHEM-CO, INC.

TECHNICAL DATA

PRO-FORM 850

EMULSIFIABLE DRAWING/STAMPING LUBRICANT

DESCRIPTION:

PRO-FORM 850 is a heavy-duty, emulsifiable, metalforming lubricant for progressive die stamping and deep drawing of metals. PRO-FORM 850 is fortified with extreme pressure, friction modifying, and antiwear additives to handle difficult deep drawing jobs on tough alloys. The product can be diluted with water to perform numerous metalforming operations on ferrous and non-ferrous alloys.

BENEFITS:

- Excellent die life
- Maximum formability
- Hard water stable
- Non-foaming and recirculable
- Easily cleanable
- Outstanding corrosion control
- Excellent metal coverage (strip wet out)
- Antimicrobial package built in
- Versatile - dilutable for numerous operations
- Non-staining on aluminum alloys

METALFORMING APPLICATIONS:

- Deep Drawing
- Bending
- Swaging
- Blanking
- Hydroforming
- Roll Forming
- Progressive Die Stamping
- Punching/Piercing
- Contour Forming
- End Forming
- Stretch Forming
- Spinning

DIRECTIONS FOR USE:

PRO-FORM 850 is normally diluted with water between 1:10 to 1:2 depending on the severity of the operation. The emulsion can be applied by spray, drip, roller, or immersion methods to the strip or part. The proper mixing ratio will depend on type of metal, thickness of metal, operation and lubricant application method.

PROPERTIES:

Appearance -----	Dark Amber, Clear Liquid
Odor -----	Characteristic
Solubility -----	Emulsifiable at All Properties
Specific Gravity -----	1.07
pH (10%) -----	9.3
Viscosity @ 100°F -----	1600 SUS

PACKAGING:

PRO-FORM 850 is available in 5-gallon pails, 55-gallon drums, totes and bulk.