



PRO-CHEM-CO, INC.

TECHNICAL DATA

PRO-FORM 870

SYNTHETIC METALFORMING LUBRICANT

DESCRIPTION:

PRO-FORM 870 is a heavy-duty, synthetic metalforming lubricant for ferrous and non-ferrous metals. PRO-FORM 870 has excellent extreme pressure lubricity and forms a clear, oil-free solution in water that is ideally suited for general stamping and forming operations.

BENEFITS:

- Exceptional finishes on soft metals
- Exceptional corrosion control on steels
- Annealable/Weldable
- Good die & tooling life
- Ideal for copper and aluminum forming
- Non-foaming/non-staining
- Easy clean off
- Good strip “wet out”
- Biodegradable
- Non-hazardous lubricant
- Cleaner dies & presses
- Operator friendly – mild product

METALFORMING APPLICATIONS:

- Blanking
- Deep Drawing
- Punching
- End Forming
- Stamping
- Piercing/Notching
- Cut-off
- Roll Forming
- Spinning
- Bending
- Extruding
- Forming

DIRECTIONS FOR USE:

PRO-FORM 870 is normally diluted with water between 1:10 to 1:1 depending on severity of the operation. The clear lubricant solution can be applied by spray, roller, drip, or immersion methods to the strip or part. The proper mixing ratio will depend on the type of metal, thickness of metal, operation, and lubricant application method. We always recommend the use of a refractometer for optimum performance and lubricant economy.

PROPERTIES:

- Appearance ----- Dark Amber, Clear Liquid
- Odor ----- Characteristic
- Solubility ----- Complete at All Proportions
- Specific Gravity ----- 1.069
- Brix ----- 1.18

PACKAGING:

PRO-FORM 870 is available in 5-gallon pails, 55-gallon drums, totes and bulk.