



# GenDraw 3970

SYNTHETIC STAMPING AND  
DRAWING LUBRICANT

## TYPICAL PROPERTIES

Appearance: Viscous amber liquid  
pH: 8.8-9.2  
Specific Gravity @ 60°F ASTM D-1298: 1.06-1.10  
Pensky-Martens Closed Cup Flash Point, °F(°C) ASTM-D-93: None  
Copper Corrosion 3 hr. @ 212 °F ASTM-D-130: 1A(Pass)

## SHIPPING

GenDraw 3970 ships in 1 gallon plastic jugs, 5 gallon plastic buckets, or 55 gallon closed head plastic drum.

## Description

GenDraw 3970 is a premium quality, heavy-duty, synthetic drawing and stamping lubricant. It is engineered for difficult operations on difficult to form metals such as stainless steel and aluminum. Residual films of GenDraw 3970 provide in-plant, in-process corrosion protection. By varying the dilution, GenDraw 3970 can perform all the stamping and drawing operations. GenDraw 3970 is oil free and does not contain chlorine or sulfur.

## Recommended Application

1

Mixing procedure: Slowly add GENDRAW 3970 to water with agitation.

Concentration control: The concentration of GENDRAW 3970 can be determined with a hand held refractometer.

2

GENDRAW 3970 may be applied by spray, roll coating, swab, brush or drip feed.

## Benefits

- Eliminates a process during manufacturing
- Superior lubricity- increases tool life and ease of forming, improving production rates
- Can be used for a wide variety of metal forming operations, reducing inventory of lubricant
- Provides corrosion protection.
- Residual films are readily cleaned at low temperatures with mild alkaline detergents.
- Environmentally friendly- waste disposal does not require special reagents or increased costs.

## Health & Safety

Please refer to SDS for complete health and safety information.

## Storage

Keep container closed when not in use. GENDRAW 3970 should be stored in a clean dry area. Avoid freezing

## Dilution Guidelines (with water)

Light duty forming and blanking: 5 to 10%. Medium duty forming: 10 to 25%. Heavy duty forming: 25 to 50 %.

