



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 %.

