



GULF METALWORKING FLUIDS

your local global brand

GULF S-DRAW 1124

High performance water soluble, biodegradable, renewable ester based pressing and deep drawing lubricant

Description

GULF SUPERDRAW 1124 is a high performance water soluble, biodegradable, renewable ester based pressing and deep drawing lubricant. This product can be used in its neat form or diluted with water. Superdraw 1124 uses novel lubricity enhancers to provide superb performance without the addition of environmentally unfriendly chlorine. It has been specifically designed for highly arduous operations in its neat form and can be diluted for punching, nibbling and shearing operations.

Benefits

- Easy stripping with plain water
- Easier degreasing prior to painting
- Enhances tool life
- Use of highly inflammable solvents not required
- High film strength for metal forming
- Suitable for carbon steel, copper, brass, and aluminium
- Free from sticky deposits
- No oil mist, and no irritating smoke during subsequent operations

Typical Physical Properties

Appearance	Amber Fluid
Specific Gravity	1.05
Mineral Oil Content	Nil
Emulsion:	
Appearance	Translucent
pH @ 10%	6.8
Reichart Wear Test @ 10%	
Wear Ratio	6
Noise Reduction, m	2



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Storage:

- Store in a cool, well ventilated area
- Store inside, ideally between 10°C and 30°C
- Store away from direct heat and frost
- Shelf life 12 months from the date of manufacture
- Avoid water collecting on the barrel top

Product Mixing:

Gulf advise the use of automated mixing systems. If mixing manually, always add the concentrate to the water with maximum agitation, if water is added to the concentrate, the emulsions may prove unstable. Avoid mixing with very cold concentrate or water. Check emulsion strength using a calibrated refractometer. Details of where to purchase equipment and how to use it are available from the Gulf Technical Department.

Product Management:

The working concentration should be carefully controlled and monitored on a daily basis as higher and lower working concentrations have health and safety implications. Machines should be cleaned out regularly. Fluid and particulate contaminants should be kept to a minimum. This is important especially in terms of bacterial control and is in line with the latest advice from government and professional sources. Detailed reference sources are quoted in the MSDS.