

Cutting Fluids UK

Ultraform FS

DESCRIPTION

Ultraform FS is a high performance water soluble pressing and drawing lubricant, utilising novel lubricity enhancers to provide excellent performance without chlorine. It has been specifically for punching, nibbling and shearing operations. It also helps in forming operations, as a lubricated sheet marks much less than a non-lubricated sheet.

It should be diluted at the optimum concentration for the process in question. Starting dilution should be 10% in water, but it can be used up to 100% for severe drawing applications.

TYPICAL DATA

<u>Concentrate</u>	
Appearance	Amber fluid
Specific Gravity	1.050
Mineral Oil Content %	Nil
<u>Emulsion</u>	
Appearance	Translucent
pH at 10%	8.8
Reichert Wear Test @ 10%	
Wear ratio, %	15
Noise reduction, m	9

Advantages

- Easy stripping
- Longer tool life
- High film strength for metal forming
- Easier degreasing prior to painting
- Can be used on carbon, steel, copper, and brass
- No stickiness due to tacky oils

Fire Risks and Hazards

- Use of highly inflammable and hazardous solvents is not required
- No irritating smoke during subsequent operations
- No oil mist