

Vuldra 5580

Heavy-duty drawing and stamping fluid

Description

Vuldra 5580 is a water soluble drawing and stamping fluid based on natural and synthetic ester technology. It was designed to replace neat oils used to draw and stamp carbon and stainless steel alloys. The unique combination of boundary lubrication and non-chlorinated extreme pressure additives provides excellent surface finishes even in the most demanding operations. **Vuldra 5580** is a clean product that is easily removed by both mildly alkaline and alkaline cleaners.

Performance Benefits

- Suitable for use on multiple metals including most aluminum alloys
- Does not contribute to mineral oil mists in the workplace
- Excellent surface finishes and improved die life
- May be used neat or diluted with water
- Biostable formula resists bacterial contamination preventing rancidity and extending fluid life in recirculating systems.

Recommended Applications & Dilutions

Vuldra 5580 can be used neat or diluted with water. Dilutions range from 10% to 50%. For a heavier bodied film, add water to product in small quantities while agitating until a smooth cream is obtained. Water can then be added more rapidly until final dilution is reached. For a lighter film, add product to water while agitating until a stable emulsion is formed. **Vuldra 5580** may be applied by roller coat, swab, spray, dip or recirculation.

Characteristics

Properties	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Clear amber liquid
pH of 5% dilution	-	-	8.5
Density @ 15°C	lbs/gal	-	8.2
Chlorine		-	No
Sulfur		-	Yes
Active Sulfur		-	Yes
Phosphorous		-	Yes

Additional Information Concentration Control

Refractive Index Multiplier: 1

Refractometer Reading	% Concentration
10	10
15	15
20	20
25	25

