

Vuldra 6412

Drawing and stamping fluid

Description

Vuldra 6412 is a water soluble drawing and stamping fluid designed for use in a wide range of stamping and drawing applications including deep draws and light to heavy duty stamping and drawing operations. The unique combination of boundary lubrication and non-chlorinated extreme pressure additives provides excellent surface finishes even in the most demanding operations. **Vuldra 6412** is a clean running product that is easily removed by both mildly alkaline and alkaline cleaners

Performance Benefits

- Suitable for use on multiple metals including most aluminum alloys
- Excellent surface finishes and improved die life
- May be used neat or diluted with water
- Keeps machinery clean
- Biostable formula resists bacterial contamination preventing rancidity and extending fluid life in recirculating systems.

Recommended Applications & Dilutions

Vuldra 6412 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 6412** 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	-	-	9.1
Density @ 15°C	lbs/gal	-	8.1
Chlorine	-	-	No
Sulfur	-	-	No
Active Sulfur	-	-	No
Phosphorous	-	-	Yes

Additional Information Concentration Control

Refractive Index Multiplier: 1.5

Refractometer Reading	% Concentration
6	9
8	12
10	15
12	18

