



**COOLANT
CONTROL** INC.

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Product Bulletin

Vuldra 490

Heavy-duty Synthetic Drawing and Stamping Fluid

Description

Vuldra 490 is a drawing, forming and stamping fluid designed to handle heavy-duty operations. This product provides excellent lubricity, extreme pressure properties without using chlorinated additives, anti-wear characteristics and corrosion protection.

Vuldra 490 is oil free. It is designed to replace straight and soluble oil fluids in deep drawing, stamping, punching, and blanking operations.

Performance Benefits

- Full solubility in water, which contributes to a reduced end-use cost.
- High film strength extending die life and reducing scoring and galling
- Hard water tolerance
- Good corrosion protection
- Chlorine Free formulation wont interfere with downstream welding operations
- Good Extreme Pressure and Anti-Wear properties
- Easily cleaned from parts

Recommended Applications

Operation	Percent in water
Light duty	5% to 10%
Medium duty	10% to 20%
Heavy duty	20% to 40%
Extra heavy duty	40% to 100%

Typical Properties

	Vuldra 490
Appearance, Concentrate	Clear amber liquid
Odor	Mild
Specific Gravity @ 25C	1.005 to 1.008
pH (2% in water)	9.1 to 9.5
Chlorine	No
Sulfur	No
Active Sulfur	No