



**COOLANT
CONTROL** INC.

The right chemistry...

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Product Bulletin

Vuldra 480

Synthetic Drawing and Stamping Fluid

Description

Vuldra 480 is a premium quality synthetic drawing and stamping fluid containing non chlorinated extreme pressure additives and synthetic lubricity additives which provide superior die life and surface finish to the work-piece. **Vuldra 480** forms a micro emulsion and is intended to be used at a 5-20% dilution with water depending on the severity of the operation.

Vuldra 480 is oil free. It is designed to replace straight and soluble oil fluids in deep drawing, stamping 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
- Moderate to heavy duty drawing and stamping operations on steel, stainless steel, aluminum, brass and nickel alloys
- Good corrosion protection
- May be applied by roller, brush or drip methods.
- Suitable for flood applications and airless spray systems.
- 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
Medium duty	5% to 10%
Heavy duty	10% to 20%

Typical Properties

	Vuldra 480
Appearance, Concentrate	Clear amber liquid
Odor	Mild
Specific Gravity @ 25C	1.04 to 1.06
pH (5% in water)	8.0 to 8.5
Chlorine	No
Sulfur	No
Active Sulfur	No