

VULSOL 4001 S



METALWORKING



TOTAL

Moderate-Duty, Synthetic Metalworking Fluid for Ferrous Metals.

APPLICATIONS

- **VULSOL 4001 S** is a fully synthetic, drawing and stamping solution. When mixed with water, it forms a clear, green solution with excellent lubricating qualities.
- **VULSOL 4001 S** was specially developed to replace soluble oils that contain chlorinated paraffin and performs as well as or better than those products without the undesirable chlorine and its disposal problems.
- **VULSOL 4001 S** leaves a residual coating, which will help prevent rusting prior to heat treating of parts. It is environmentally safe and with filtration should not be a disposal problem.

ADVANTAGES

- Very good extreme pressure and anti-wear performance.
- Increases tool life, prevents ridging, promotes good surface finish.
- Excellent lubricity properties--Increases the tool/die life on a large scale of cutting parameters maintaining an additive layer on the chip / die / workpiece / tool surface.
- Sulfur and chlorine free.
- Protects workpiece and tools against corrosion.
- Excellent rust inhibitor.
- Permits operator surveillance of the workpiece at all times.
- Light viscosity means good flushing ability.

TYPICAL CHARACTERISTICS	VULSOL 4001 S
Appearance	Clear Green Liquid
Density @ 60°F, lbs./gal.	8.45
Flash Point, COC, °F	None
Sulfur, %wt.	None
Chlorine, %wt.	None
pH Neat	8.9
Lubricity Content, %wt.	2.5
Refractive Index Factor	5.1

TOTAL Lubricants USA, Inc.

Linden, NJ 07036
5 North Stiles Street
908.862.9300/800.526.4127

Rockingham, NC 28379
709 Airport Road
800.323.3198 / 800.526.4127

Knoxville, TN 37914
3315 Riverside Drive
800.323.3198 / 800.526.4127

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