

# VULSOL B 7700 S



Metalworking



**TOTAL**

## Heavy-Duty, Micro-emulsion for Various Metals

### DESCRIPTION

- **VULSOL B 7700 S** is an ester based concentrate that, when mixed with water, forms a superior metalworking coolant. This product is primarily recommended for machining and grinding high alloy and exotic steels but perfectly acceptable for use on aluminum and brass.
- **VULSOL B 7700 S** represents a technology breakthrough in the development of synthetic ester coolants.
- **VULSOL B 7700 S** contains no petroleum oil.
- The concentration range is 6 to 12% and should be adjusted as necessary to maximize performance.

### ADVANTAGES

- Easily forms a translucent, micro-emulsion in all types of water
- Designed for medium to heavy-duty metal removal operations
- Provides long coolant sump life without unpleasant odor
- Bio-stable – will achieve long sump life
- Contains no chlorine or sulfur
- Allows for cleaner machines and environment
- Formulation provides for rapid cooling of work piece and tool
- Very low foaming tendency
- Rapid tramp oil rejection

TYPICAL CHARACTERISTICS	VULSOL B 7700 S
Appearance	Clear Amber Liquid
Odor	Mild
Specific gravity @ 15.6 / 15.6 (conc.)	0.972
Density @ 60°F, lbs/gal	8.11
Chlorine and sulfur content	Nil
pH @ 5 %	8.95
Cast iron chip rust break point, %	3
Refractive Index Factor	1.9

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