

MARTOL 4739 S



METALWORKING



TOTAL

Chlorinated, Cutting, Drawing, and Forming Lubricant for Ferrous and Non-Ferrous Metals.

APPLICATIONS

- **MARTOL 4739 S** is a red, heavily fortified lubricant designed for metal removal and forming operations on high carbon steel and stainless steel. It provides a very high film strength, plus a chlorinated chemical boundary agent, which act to provide a resilient film between the die and workpiece.
- **MARTOL 4739 S** will not stain copper or aluminum, making it a versatile product to be used on a variety of metals. It can be used for cutting, drawing, and forming operations on ferrous and non-ferrous metals.
- **MARTOL 4739 S** should be used as received for cutting, threading, tapping, stamping, drawing, and forming on carbon steel and stainless steel parts. It may be applied to blanks or strip by spray, brush, or wiper pads. Parts cleaning is accomplished with vapor degreasing, petroleum or chlorinated solvent dip, or with a hot alkaline wash.

ADVANTAGES

- Very good extreme pressure performance due to the combination of chlorine and phosphorus.
- Increases tool and die life.
- Excellent lubricity properties--Increases the die life on a large scale of parameters maintaining an additive layer on the die, tool, and workpiece surfaces.
- Handles a broad spectrum of metals.
- Excellent metal wetting ability.
- Anti-weld agents.
- Sulfur free.

TYPICAL CHARACTERISTICS	MARTOL 4739 S
Appearance	Clear Red Liquid
Viscosity at 40°C, cSt	36.0
Density @ 60 °F, lbs./gal.	8.21
Specific Gravity @ 60/60 °F	0.984
Flash Point, COC, °F	345
Copper Strip Corrosion	1A - 1B
Lubricity Content, %wt.	20.0
Sulfur, %wt.	None
Chlorine, %wt.	>12.0
Phosphorus, ppm	> 500

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