

# MARTOL 6300 S



METALWORKING



**TOTAL**

**Chlorinated, Drawing and Forming Lubricant for Ferrous Metals.**

## APPLICATIONS

- **MARTOL 6300 S** is a heavily fortified, petroleum based, drawing lubricant especially formulated for drawing ferrous and stainless steel alloys. 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 6300 S** can be used for drawing and forming operations on ferrous and stainless steel alloy metals.
- **MARTOL 6300 S** should be used as received for stamping, drawing, and forming applications. 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 sulfur.
- Increases tool/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 ferrous metals.
- Excellent metal wetting ability.
- Anti-weld agent.
- Pleasant odor.

TYPICAL CHARACTERISTICS	MARTOL 6300 S
Appearance	Dark Opaque Liquid
Color, ASTM D-1500	8.0+
Viscosity at 40°C, cSt	55.0 - 65.0
Density @ 60 °F, lbs./gal.	7.99
Specific Gravity @ 60/60 °F	0.956
Flash Point, COC, °F	345
Copper Strip Corrosion	1A - 1B
Lubricity Content, %wt.	> 20.0
Sulfur, %wt.	> 2.5
Chlorine, %wt.	> 6.0

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