

MARTOL 5053 S



METALWORKING



TOTAL

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

APPLICATIONS

- **MARTOL 5053 S** is a light yellow, petroleum based drawing lubricant. It is fortified with stain suppressed, chlorinated extreme pressure agents which provide the chemical barrier necessary for the flow of drawn metal over die surfaces without rupture of the lubricant film. This type of protection extends die life and promotes production of uniform workpieces with surfaces free of score marks.
- **MARTOL 5053 S** is recommended for both ferrous and non-ferrous applications and is specially formulated to protect from chlorine staining.
- **MARTOL 5053 S** should be used as received for stamping, forming, and drawing applications. This product, however, may be applied to strips or blanks by dipping, rolling, or brushing. Parts cleaning is accomplished by solvent degreasers or conventional hot alkaline cleaners.

ADVANTAGES

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

TYPICAL CHARACTERISTICS	MARTOL 5053 S
Appearance	Clear Yellow Liquid
Color, ASTM D-1500	2.0
Viscosity at 40°C, cSt	55.0
Density @ 60 °F, lbs./gal.	9.21
Specific Gravity @ 60/60 °F	1.104
Flash Point, COC, °F	330
Copper Strip Corrosion	1A - 1B
Lubricity Content, %wt.	None
Sulfur, %wt.	None
Chlorine, %wt.	> 28.0

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