

SHINCOOL CF 243 SK



METALWORKING



TOTAL

Chlorine-free, Cold Heading Lubricant for Ferrous Metals.

APPLICATIONS

- **SHINCOOL CF 243 SK** is a chlorine-free, extreme pressure fortified, cold heading lubricant. It combines the latest additive technology with anti-weld and lubricity agents to form a product capable of performing very difficult forming operations. **SHINCOOL CF 243 SK** provides a chemical barrier between the work piece and die. This lubricant film prevents abrasion of the work piece while extending the life of the die.
- **SHINCOOL CF 243 SK** is recommended for ferrous alloys including stainless steel.
- **SHINCOOL CF 243 SK** should be used as received and is generally applied by flooding the work piece. 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

- Increases tool/die life.
- Excellent lubricity properties--Increases the tool/die life on a large scale of parameters maintaining an additive layer on the tool, die, and work piece surfaces.
- Handles a broad spectrum of ferrous metals.
- Excellent metal wetting ability.

TYPICAL CHARACTERISTICS	SHINCOOL CF 243 SK
Appearance	Dark Brown Liquid
Color, ASTM D-1500	8.0+
Viscosity at 40°C, cSt	85.0
Density @ 60 °F, lbs./gal.	7.80
Specific Gravity @ 60/60 °F	0.935
Flash Point, COC, °F	340
Copper Strip Corrosion	1B
Lubricity Content, %wt.	> 30%
Sulfur, %wt.	> 7%
Phosphorus, %wt.	> 0.5%
Zinc, %wt.	> 0.5%

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