

PRISMA 517



METALWORKING



TOTAL

Chlorine-free Grinding and Honing Oil.

APPLICATIONS

- **PRISMA 517** is a clear oil of very light viscosity which is efficient over a wide working range of both metals and machining operations. It is formulated to provide excellent extreme pressure (EP) and boundary lubricating properties without the use of chlorine.
- **PRISMA 517** is used for grinding and honing on both ferrous and non-ferrous metals. It provides excellent metal removal and parts finish while maintaining or extending tool life.

ADVANTAGES

- Sulfur and chlorine free.
- Low odor formula.
- Promotes excellent surface finish.
- Excellent lubricity properties--Increases the tool life on a large scale of cutting parameters maintaining an additive layer on the chip / workpiece / tool surface.
- Excellent metal wetting ability.
- Non-staining.
- Anti-mist additive.

TYPICAL CHARACTERISTICS	PRISMA 517
Appearance	Clear Pale Liquid
Color, ASTM D-1500	0.5
Viscosity at 40°C, cSt	10.8 - 13.2
Density @ 60 °F, lbs./gal.	7.28
Specific Gravity @ 60/60 °F	0.872
Flash Point, COC, °F	355
Copper Strip Corrosion	1A-1B
Lubricity Content, %wt.	> 7.0
Sulfur Content, %wt.	Nil
Chlorine Content, %wt.	Nil
Phosphorus, ppm	> 2000

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