

VALONA K700 S



METALWORKING



TOTAL

Tri-Purpose Transparent Cutting and Lubricating Oil.

APPLICATIONS

- **VALONA K700 S** is a chlorine-free, transparent cutting oil that provides excellent performance as a cutting, lubricating, and hydraulic oil.
- **VALONA K700 S** is a balanced blend of fatty oils, fatty esters, and extreme pressure (EP) additives for metal wetting ability and anti-weld properties to prevent wear and promote lubricity. This tri-purpose oil eliminates cross-contamination and dilution of cutting oil when used in both headstock and hydraulic applications. It is non-staining to all metals and provides a smooth, uniform workpiece finish.
- Operations include: cutting, threading, tapping, swiss and automatic screw operations, chucking operations, free machining steels, brass, aluminum, copper, and hydraulic fluid applications.

ADVANTAGES

- Very good extreme pressure performance due to the combination of phosphorus and fatty esters.
- Increases tool life, prevents ridging, promotes good 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.
- Ferrous and non-ferrous metals.
- Permits operator surveillance of the workpiece at all times.
- Used for cutting, lubricating headstock gears, and hydraulic systems.
- Anti-mist additives.
- Safe for operators and the environment.
- Non-staining.

TYPICAL CHARACTERISTICS	VALONA K700 S
Appearance	Clear Amber Liquid
Color, ASTM D-1500	1.5
Viscosity at 40°C, cSt	28.8 - 35.2
Density @ 60 °F, lbs./gal.	7.56
Specific Gravity @ 60/60 °F	0.906
Flash Point, COC, °F	330
Copper Strip Corrosion	1A-1B
Sulfur, %wt.	Nil
Chlorine, %wt.	Nil
Lubricity Content, %	9.0
Phosphorus, ppm	> 500

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