

KEYCUT[®] 700

(Valona K700 S)

Non-Staining Cutting Oil

Keycut 700 (Valona K700 S) is a transparent oil that provides excellent performance as a cutting, lubricating, and hydraulic oil. A combination of fatty oils, fatty esters, and phosphorous EP additives provide superior metal wetting and anti-weld properties to prevent wear and promote lubricity. As a chlorine and sulfur-free formulation, it can be safely used on brass, copper aluminum, free machining steels, in machine tool headstocks, and in machine tool hydraulic systems. This tri-purpose oil eliminates cross-contamination and dilution of cutting oil when used in both headstock and hydraulic applications.

Features

- Tri-Purpose Oil
- Lubricity and Extreme Pressure Additives
- Anti-Mist Additives
- Chlorine and Sulfur-Free

Performance

- Reduces Inventory Costs and Prevents Cross Contamination and Dilution
- Produces Smooth Finishes
- Safe for Operators and Environment
- Non-Staining to Work Pieces or Tools

Applications

Types of Metals

- Brass
- Copper
- Aluminum
- Free Machining Steels
- Hydraulic Fluid Capability

Types of Operations

- Cutting, Threading, Tapping
- General Purpose Machine
- Shop Applications
- Swiss and Automatic Screw
- Machine Operations
- Chucking Operations

Machining Operations

- Recirculation - Reservoir
- Brush
- Oil Can

Typical Properties

Product Code #	200451		
Appearance	Clear, Amber	Flash Point, C.O.C., ASTM D92, °F	330
Gravity, API @ 60°F	24.9	Sulfur, Chlorine	Nil
Density, lbs/gal., @ 68°F	7.56	Phosphorous, Anti-Weld	Yes
Kinematic Viscosity, cSt at 40°C	32	Fats, Lubricity	9.0
Saybolt Viscosity, SUS @ 100°F	170	Anti-Mist Characteristics	Yes
		Rust Test, ASTM D-665A	Pass

Note: Residual oil on workpiece may be removed by conventional degreasing methods.

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