

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

Types of Operations

Machining Operations

- Brass
- Copper
- Aluminum
- Free Machining Steels
- Hydraulic Fluid Capability
- Cutting, Threading, Tapping
- General Purpose Machine
- Shop Applications
- Swiss and Automatic Screw
- Machine Operations
- Chucking Operations
- Recirculation - Reservoir
- Brush
- Oil Can

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

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