

# ***KEYCUT<sup>®</sup> 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

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

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