

## Medallion Plus<sup>®</sup> HD 1100 Cutting Oil

### PRODUCT DESCRIPTION

**Medallion Plus HD 1100 Cutting Oil** is a transparent, active cutting oil for the machining of difficult metals where a high degree of active anti-weld is required. It contains an effective anti-mist additive to reduce misting of the cutting oil during high speed machining operations. In addition to lubricity agents and inactive sulfur and chlorine, the Medallion Plus HD 1100 contains active sulfur for superior control of the built-up-edge on the tools. It produces excellent finish on the parts, prevents welding and tearing, and prolongs tool life. The transparent color allows for excellent visibility of the machining area.

**Medallion Plus HD 1100 Cutting Oil** may stain non-ferrous metals. It cannot be used as a machine lubricant. It is not recommended for low speed broaching or thread cutting.

### PERFORMANCE FEATURES

**Medallion Plus HD 1100 Cutting Oil** is particularly well suited for moderate and high-speed machining of difficult metals:

- Formulated to prevent excessive build-up edge in cutting operations.
- Recommended for machining on carbon, alloy, and stainless steel.

### TYPICAL ANALYSIS

Property	ASTM Method	Results
Viscosity @ 40 °C, cST	D445	32.0
Color	Visual	Clear
Flash Point °F	D93	350F
Total Sulfur	D129	1.2%
Active Sulfur	D1662	0.6%
Chlorine	D4327	0.4%
Lubricity Fat	IR Spectra.	4.0%

### HEALTH & SAFETY

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your Customer Service Center. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment. Due to continual product research and development, the information contained herein is subject to change without notification.

