Medallion Plus® HD 1000 Cutting Oil

PRODUCT DESCRIPTION

Medallion Plus HD 1000 Cutting Oil is a transparent, low viscosity, active cutting oil for machining 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 1000 contains active sulfur for superior control of the built-up-edge on tools. It produces excellent finish on parts, prevents welding and tearing, and prolongs tool life. The transparent color allows for excellent visibility of the machining area.

Medallion Plus HD 1000 Cutting Oil may stain non-ferrous metals and should not be used as a machine lubricant.

PERFORMANCE FEATURES

Medallion Plus HD 1000 Cutting Oil is particularly well suited for applications requiring a light viscosity cutting oil**:**

- In gun drilling and deep-hole drilling Medallion Plus(r) Plus HD 1000 provides excellent cooling and chip removal.
- In gear grinding and form grinding where high lubricity and excellent cooling are required.
- In high speed tapping machines that require low viscosity oils.

TYPICAL ANALYSIS

Property	ASTM Method	Results
Viscosity @ 40ºC, cST	D445	15.0
Color	Visual	Clear
Flash Point °F	D93	350F
Total Sulfur	D129	1.2%
Active Sulfur	D1662	1.1%
Chlorine	D4327	1.0%
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 protest the environment. Due to continual product research and development, the information contained herein is subject to change without notification.