

## Medallion Plus<sup>®</sup> SYN 1025 Metalworking Coolant

### PRODUCT DESCRIPTION

**Medallion Plus SYN 1025** is a worker-friendly, true-solution synthetic cutting and grinding fluid. SYN 1025's biostable formula ensures long sump life and resistance to rancidity. This synthetic coolant remains stable and low-foaming in either hard or soft water. Medallion Plus SYN 1025 leaves machines exceptionally clean and free of sticky residues. It provides bi-metal corrosion protection to prevent rust on parts and machines. Compared to other metalworking coolants, Medallion Plus SYN 1025 is nearly odorless, clean running, gentle on the skin, and safe for workers when properly maintained.

**Medallion Plus SYN 1025** is intended primarily as a high-performance grinding fluid for ferrous metals. It provides exceptional cooling in grinding applications and has sufficient lubricity for light to moderate-duty cutting applications. Medallion Plus SYN 1025 is an oil-rejecting fluid. It also allows chips and grinding swarf to settle rapidly.

### PERFORMANCE FEATURES

**Medallion Plus SYN 1025** offers:

- Low to non-irritating formula. Protects workers from skin and breathing issues.
- Exceptional cooling in grinding ferrous metals
- Stable, low foaming solution
- Biostable formula for excellent rancidity control
- Clean operation with no sticky machine residues
- Excellent rust protection at concentrations as low as 4%
- Low odor formula that is non-irritating to workers Lubricity sufficient for moderate-duty cutting operations

### TYPICAL ANALYSIS

Property	Value
Appearance	Clear yellow liquid
Specific Gravity @ 72F	1.04 - 1.07
pH (diluted 5% in water)	9.3 - 9.5
Use Concentration: Grinding	4% - 6%
Use Concentration: Cutting	6% - 8%
Chlorinated Additive	none
Refractometer multiplier	2.3

### 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.

