

## Medallion Plus<sup>®</sup> SO 5720 Metalworking Coolant

### PRODUCT DESCRIPTION

**Medallion Plus SO 5720** is a worker-friendly, heavy-duty, multi-metal emulsifiable cutting and grinding fluid. SO 5720's biostable formula ensures long sump life and resistance to rancidity. The sulfonate-free emulsifier system ensures excellent stability in hard water, but is sufficiently balanced to minimize foam in soft water. Compared to other metalworking coolants, Medallion Plus SO 5720 is nearly odorless, clean running, gentle on the skin, and safe for workers when properly maintained.

**Medallion Plus SO 5720** is intended for difficult machining and grinding applications on a wide range of metals from soft die cast aluminum to hardened tool steels. It is not recommended for brass due to the possibility of staining. It is ideally suited for metalworking facilities where a single fluid is desired for a wide range of difficult machining operations on a variety of tough metals. EP additives ensure excellent tool life and surface finish in critical machining operations on low-machinability metals.

### PERFORMANCE FEATURES

**Medallion Plus SO 5720** offers:

- Low to non-irritating formula. Protects workers from skin and breathing issues.
- Super Heavy-Duty, multi-metal capabilities (EP)
- Sulfonate-free emulsifier system for excellent stability and low-foaming performance
- Biostable formula for excellent rancidity control
- Excellent detergency for clean-running machines and sumps
- Excellent rust protection at concentrations as low as 4%
- Low odor formula that is non-irritating to workers

### TYPICAL ANALYSIS

Property	Value
Appearance	Clear amber liquid
Specific Gravity @ 72F	0.95 - 0.97
pH (diluted 5% in water)	8.9 - 9.4
Use Concentration: Grinding	3% - 5%
Use Concentration: Cutting	5% - 10%
Chlorinated Additive	Present
Refractometer multiplier	1.0

### 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.

