

Medallion Plus[®] SS 2830 Metalworking Coolant

PRODUCT DESCRIPTION

Medallion Plus SS 2830 is a worker-friendly, emulsifiable, semi-synthetic cutting and grinding fluid. SS 2830's biostable formula ensures long sump life and resistance to rancidity without the use of harmful bactericides. 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 SS 2830 is nearly odorless, clean running, gentle on the skin, and safe for workers when properly maintained.

Medallion Plus SS 2830 is intended for difficult machining and grinding applications on brass, cast iron, steel, and most aluminum alloys. It contains special inhibitors to protect yellow metals and is ideally suited for metalworking facilities where a single fluid is desired for a wide range of machining operations on a variety of metals. High oil content and EP additives ensure excellent tool life and surface finish in critical machining operations on difficult metals such as alloy and stainless steels.

PERFORMANCE FEATURES

Medallion Plus SS 2830 offers:

- Low to non-irritating formula. Protects workers from skin and breathing issues.
- Heavy-Duty, multi-metal capabilities (EP) with special inhibitors to prevent staining or corrosion of yellow metals
- Sulfonate-free emulsifier system for excellent stability and low-foaming performance
- Biostable formula for excellent rancidity control with no harmful bactericides
- 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	0.98 - 1.0
pH (diluted 5% in water)	9.2 - 9.5
Use Concentration: Grinding	4% - 5%
Use Concentration: Cutting	4% - 10%
Chlorinated Additive	Present
Refractometer multiplier	1.5

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.

