

Product DATA BULLETIN

Metal Medic 7322

Heavy Duty Soluble Oil

INCREASING PROFITABILITY THROUGH SOLUTIONS-DRIVEN CHEMICAL TECHNOLOGY

Description:

Metal Medic 7322 is a high-performance soluble oil fluid specifically formulated with extreme pressure additives to meet the demands of heavy-duty stamping and forming operations. When mixed with water, Metal Medic 7322 readily disperses to form a stable emulsion that provides superior lubrication and cooling, reducing friction and heat during high-stress machining processes. At recommended dilutions, it offers excellent rust protection, ensuring long-lasting corrosion resistance on metal surfaces. Ideal for use in high-performance manufacturing environments, Metal Medic 7322 maximizes tool life and part quality while maintaining optimal process efficiency.

Applications:

Metal Medic 7322 is specially formulated for extreme pressure drawing, stamping, and forming operations on stainless steel, cold rolled steel and other difficult ferrous metals. Applications include deep-drawing, heavy punching, hammering, rolling and wire tube drawing. Metal Medic 7322 is versatile enough to work on some non-ferrous metals with little or no staining.

Metal Medic 7322 is usually applied at 10% - 50% by volume with water by dipping, swabbing, or roll coating. Severe draws on difficult metals require higher usage concentrations. Always add product to water slowly with agitation to assure a uniform solution.

Note: Always use JEL's Machine Klean XL for a fast and thorough pre-cleaning to your machine tool and coolant systems.

PRODUCT PROPERTIES

Appearance	Dark Amber Liquid
pH of 10% solution	8.3 - 9.3
Odor	Bland
Foaming	Moderate
Specific Gravity	1.02 - 1.05
Flash Point	> 300 F

PACKAGING CONFIGURATIONS

- 5 Gallon Pails
- 55 Gallon Drums
- 275 Gallon Totes

STORAGE & HANDLING

- Packaged in Polyethylene Containers
- Store Inside at Room Temperature in Original Container
- Standard Chemical Handling Practices
- Shelf Life of ~2 Years in Sealed Containers

See SDS for complete safety recommendations.

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