

Product DATA BULLETIN

Versakut 6970

Semi-Synthetic Cutting Fluid

INCREASING PROFITABILITY THROUGH SOLUTIONS-DRIVEN CHEMICAL TECHNOLOGY

Description:

Versakut 6970 is a high-performance semi-synthetic cutting and grinding fluid, specially engineered with extreme pressure additives. It replaces chlorine with an alternative extreme pressure agent, providing an effective and safer solution. This advanced formula blends synthetic lubricants with various additives, which mix easily with water to create a clear solution. At recommended dilutions, Versakut 6970 offers superior lubrication, cooling, and excellent rust protection. Additionally, the fluid contains preservatives that prevent rancidity in recirculating systems. Designed for high-pressure CNC applications, Versakut 6970 also features enhanced foam control.

Applications:

Versakut 6970 is specially formulated for virtually all machining operations on stainless steel, cold rolled steel and other difficult ferrous metals. Versakut 6970 has been successfully used in machining all types of aluminum and other soft metals as well. These applications include tapping, broaching, turning, milling, drilling, sawing and grinding. Versakut 6970 is versatile enough to use on some non-ferrous metals with little or no stain.

Versakut 6970 is usually applied at 6% to 10% by volume with water. Tapping and broaching difficult metals requires higher (6 - 10%) concentrations. Turning, milling, drilling, sawing and grinding difficult metals requires lower (6%) concentrations.

Refractometer control (1-10%). Brix scale x 2.6 = % v/v (Dropper titration kits are available)

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

PRODUCT PROPERTIES		PACKAGING CONFIGURATIONS
Appearance	Green Liquid	<ul style="list-style-type: none"> • 5 Gallon Pails • 55 Gallon Drums • 275 Gallon Totes
pH of 10% solution	9.0-10.0	
Odor	Slight Spearmint	
Foaming	Moderate	
Specific Gravity	1.00-1.03	
Flash Point	None	
		STORAGE & HANDLING
		<ul style="list-style-type: none"> • 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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