



BASE 14 L

Sulfurized Fatty Compound

Lubricity/Extreme Pressure Additive

Base 14 L is a sulfurized compound that offers extreme pressure protection and lubricity to straight oil and water dilutable metalworking fluids. **Base 14 L** formulated fluids exhibit excellent to life and surface finish.

Base 14 L contains active sulfur and is thus not recommended for use in materials destined for applications involving yellow metals (copper, brass, or bronze). **Base 14 L** can be utilized in straight oil machining, drawing and stamping, as well as a soluble oil component. Below are typical starting guidelines for usage:

	<u>% Weight</u>
Straight Oil Machining	2-15
Straight Oil Drawing & Stamping	3-10
Soluble Oil Machining	2-5

TYPICAL PROPERTIES

Property	Result
Total Sulfur, % (Active, %)	13 (3)
Copper Corrosion, 10% in oil, 3 hrs, 210°F	3a
Specific Gravity, 25°C	1.01
Density, lb/gal	8.2
Viscosity @ 100°F (210°F), SUS	9,000 (525)
Viscosity @ 40°C (100°C), cSt	1,700 (120)
Acid Value, mgKOH/g	26
Flash Point, C.O.C., °F (°C)	>350 (>177)
Pour Point, °F (°C)	70 (21)

Base 14 L may be stored in an original container or bulk storage tank. Prolonged exposure to 0°F may result in solidification. If the product solidifies, warming to 100-110°F will reconstitute the product. Recommended blending temperatures should not exceed 100-130°F.

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