

**BASE 101**  
***Sulfurized Lard Oil***  
***Lubricity/Extreme Pressure Additive***

**Base 101** is a sulfurized lard oil which offers exceptional solubility in highly refined petroleum oils and many synthetic base oils. **Base 101** has a low viscosity vs. other sulfurized lard oils, thus ambient temperature mixing is facilitated.

**Base 101** can be utilized in straight oil machining, drawing and stamping, as well as a soluble oil component. Below are listed typical starting guidelines for usage:

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

**Base 101** 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 80-100°F will reconstitute the product. Recommended blending temperatures should not exceed 130°F.

**TYPICAL PROPERTIES**

Property	Result
Total Sulfur, % (Active, %)	10 (<1)
Copper Corrosion; 10% in oil, 3 hrs, 210°F	1b
Specific Gravity, 25°C	1
Density (lb/gal)	7.9
Viscosity @ 100°F (200°F), SUS	1100 (125)
Viscosity @ 40°C (100°C), cSt	230 (26)
Acid Value, mgKOH/g	7
Flash Point, C.O.C., °F (°C)	>350 (>177)
Pour Point, °F (°C)	35 (2)

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