



BASE 44

Sulfurized Oleic Acid

Extreme Pressure Additive

Base 44 is a sulfurized oleic acid for water dilutable applications. When neutralized with amine or caustic, **Base 44** forms a water dilutable soap that offers EP properties. Additionally, **Base 44** can be used in straight oil applications.

Base 44 can be used in straight and soluble oils, as well as synthetics and semi-synthetic fluids. **Base 44** contains active sulfur and is not recommended for applications involving brass, bronze or copper. Recommended use levels are:

	<u>% Weight</u>
Straight Oil (Machining)	2-8
Straight Oil (Drawing and Stamping)	3-10
Water Soluble (Machining)	3-10

TYPICAL PROPERTIES

Property	Result
Total Sulfur, % (Active, %)	14 (1-3)
Copper Corrosion, 10% in oil, 3 hrs, 210°F	4a
Specific Gravity, 25°C	1.01
Density, lb/gal	8.3
Viscosity @ 100°F (210°F), SUS	2,800 (175)
Viscosity @ 40°C (100°C), cSt	526 (36)
Acid Value, mgKOH/g	170
Flash Point, C.O.C., °F (°C)	>350 (>177)
Pour Point, °F (°C)	25 (-4)

Base 44 may be stored in an original container or bulk storage tank. Exposure to 0°F for an extended period will cause the product to solidify. To reverse this, drums need to be returned to 80-100°F. Recommended storing temperatures range from 75-90°F. Blending should not exceed 130°F.

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