

**BASE 401**  
***Sulfurized Hydrocarbon***  
***Extreme Pressure Additive***

**Base 401** is a high sulfur content hydrocarbon designed to offer extreme pressure protection in heavy duty machining and grinding fluids. **Base 401** is soluble in mineral oil and polyalphaolefins, but not soluble in water.

**Base 401** contains active sulfur and is not recommended for applications involving brass, bronze or copper. Additionally, it is not recommended for applications involving cobalt.

**TYPICAL PROPERTIES**

Property	Result
Total Sulfur, % (Active, %)	39 (22)
Copper Corrosion, 10% in oil, 3 hrs, 210°F	4c
Specific Gravity, 25°C	1.08
Density, lb/gal	9.0
Viscosity @ 100°F (210°F), SUS	300 (55)
Viscosity @ 40°C (100°C), cSt	58 (8)
Acid Value, mgKOH/g	5
Flash Point, C.O.C., °F (°C)	400 (204)
Pour Point, °F (°C)	<0 (-18)

**Base 14 L** may be stored in an original container or bulk storage tank. Drums should be maintained at 40-100°F prior to use. Blending should not exceed 140°F. Being a highly sulfurized additive, **Base 401** may yield some sulfur sedimentation over time. This does not affect the EP function of the additive.

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