



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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