

Supplier - SMART OIL  
**Smart Base 2518A**  
*Sulfurized Fatty Oil*  
*Light Color Sulfurized Additives*

### Typical Properties

Appearance	Yellow to Amber Liquid
Viscosity@40°C, cSt	10-30
Sulfur content, %wt	15-18
Acid Value, mgKOH/g	<10
Flash Point C.O.C., °C	≥150
Copper Corrosion+	1B
P <sub>B</sub> /P <sub>D</sub> , kg++	82 / 315

### Product Description

**SMART BASE 2518A** is a yellow to amber, low-odor sulfurized fatty oil-based extreme pressure (EP) additive containing low active sulfur components. It delivers excellent lubricity, anti-wear, and EP performance, and is recommended for use in neat oil and emulsifiable oil formulations for machining ferrous and non-ferrous metals.

**SMART BASE 2518A** has relatively low viscosity and offers excellent blending flexibility with other additives and base oils. Compared with conventional additives with similar sulfur content, it delivers superior extreme pressure performance.

**SMART BASE 2518A** is recommended for use in formulations for machining stainless steel and titanium alloys.

**SMART BASE 2518A** exhibits low corrosivity toward non-ferrous metals and is suitable for machining brass and bronze.

**SMART BASE 2518A** demonstrates good compatibility and stability with other additives as well as various base oils, including mineral oils, synthetic hydrocarbons, and synthetic esters, enabling flexible formulation of a wide range of metalworking fluids.

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