

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

### Typical Properties

Appearance	Yellow to Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	10 - 30
Sulfur Content (Active), %wt	16 - 18 (□4)
Acid Value, mgKOH/g	□ 11
Flash Point C.O.C., °C	> 135
Copper Corrosion+	1B
P <sub>B</sub> /P <sub>D</sub> , kg++	82 / 315
Std Packaging (NW / GW, Kg)	212.0 / 195.0

### Product Description

**SMART BASE 2518** is yellowish amber, low-odor sulfurized fatty oil, with low active sulfur, good lubricity, anti-wear and extreme pressure characteristics. It is recommended for use in formulations for neat oil and soluble oil machining on both ferrous and non-ferrous metals.

**SMART BASE 2518** possesses low viscosity and is easy to be blended together with other additives and base oils. It exhibits superior EP property compared to conventional equivalent amounts of sulfur-containing additives.

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

**SMART BASE 2518** will not easy to corrode yellow metals; so it can be used to machine brasses and bronzes.

**SMART BASE 2518** has good stability and compatibility with other additives and different groups of base oils, which make it easy for blenders to use for blending different types of machining oils.

Applications	Suggested Treat Rates, %wt
Reaming	3 - 15
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Cold Head	5 - 10
Automatic Screw Machines	5 - 15
Turning	2 - 8

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