

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	<11
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.

Print date: 13-06-26

**Disclaimer:** Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.