

Supplier - SMART OIL  
**Smart Base 2510**  
*Sulfurized Fatty Oil*  
*Light Color Sulfurized Additives*

### Typical Properties

Appearance	Clear Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	45 - 90
Sulfur Content (Active), %wt	8.5 - 10.5 (<4)
Acid Value, mgKOH/g	≤ 9
Flash Point C.O.C., °C	> 145
Copper Corrosion+	1B
P <sub>B</sub> /P <sub>D</sub> , kg++	76 / 250

\*10% additive in SN150, 3h, 100

\*\*4 Ball Wear Test; 5% additive in SN150, Server Motor Speeds reach 1500rpm (P<sub>B</sub>) and 1760rpm (P<sub>D</sub>) in 0.03sec.

### Product Description

**SMART BASE 2510** is an inactive EP additive with clear amber colour, low odor and sulfurized fatty oil, possessing good lubricity and anti-wear properties. It is designed for use in neat oil and soluble oil formulations, applying for both ferrous and non-ferrous metals.

**SMART BASE 2510** possesses low viscosity and is easy to be blended with other additives and mineral oils. It exhibits superior EP property when compared to conventional equivalent amounts of sulfur-containing additives.

**SMART BASE 2510** will not corrode yellow metals, so it can be used to machine brass and bronzes.

**SMART BASE 2510** is highly stable and compatible with other additives and different groups of base oils, which make it easy for blenders to use for blending different types of machining oils.

<b>Applications</b>	<b>Suggested Treat Rates, %wt</b>
Threading	3 - 15
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Cold Head (Cut Side Only)	5 - 20
Automatic Screw Machines (Cut Side Only)	5 - 15
Turning	2 - 8

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