

Supplier - SMART OIL  
**Smart Base 2515**  
*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	40 - 90
Sulfur Content (Active), %wt	13.5 - 16.5 (<3)
Acid Value, mgKOH/g	≤ 14
Flash Point C.O.C., °C	> 130
Copper Corrosion+	1B
P <sub>B</sub> /P <sub>D</sub> , kg++	82 / 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 2515** is a clear amber and low odor sulfurized fatty oil additive with EP characteristic.

**SMART BASE 2515** possesses excellent lubricity and EP properties, with no corrosion on yellow metals; it is recommended for use in formulations of oil-based cutting oils, heavy load greases, or way-lube oils, for ferrous and non-ferrous metals.

**SMART BASE 2515** possesses light color, so operations can be observed easily, and its low odor characteristic is more acceptable by workers.

**SMART BASE 2515** 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**

Threading	3 - 10
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Cold Head (Cut Side Only)	5 - 18
Automatic Screw Machines (Cut Side Only)	5 - 10
Turning	2 - 8

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