Supplier - SMART OIL
Smart Base 2517
Sulfurized Fatty Oil
Light Color Sulfurized Additives

## **Typical Properties**

Appearance	Clear Light Amber Liquid
Specific Gravity@25℃	0.900 - 1.000
Viscosity@40°C, cSt	40 - 140
Sulfur Content (Active ), %wt	13 - 17 (7)
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 130
Copper Corrosion+	4B
$P_B/P_D$ , kg++	88 / 315

<sup>&</sup>lt;sup>+</sup>10% additive in SN150, 3h, 100

## **Product Description**

**SMART BASE 2517** is a clear light amber fatty oil EP additive with high active sulfur; mainly used in formulations for metal working oils.

**SMART BASE 2517** possesses low viscosity, so is specially suitable for formulating deep drilling and honing oils; which require extremely superior cleansing property.

**SMART BASE 2517** possesses excellent lubricating, anti-wear and EP properties. It exhibits more superior performance when blended with phosphate esters such as **SMARTPHOS P6800** / **P7800** and chlorine replacement additive like **SMART BASE CR-2050**.

**SMART BASE 2517** is light color, so operations can easily be monitored. Its low odor can be accepted easily by workers.

**SMART BASE 2517** 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.

<u>luggested Treat Rates, %wt</u>
3 - 15
3 - 15
5 - 20
5 - 10
2 - 8

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<sup>&</sup>lt;sup>++</sup>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.