

Supplier - SMART OIL  
**Smart Base 2017**  
*Sulfurized Fatty Oil*  
*Light Color Sulfurized Additives*

### Typical Properties

Appearance	Clear Deep Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	30 - 50
Sulfur Content (Active ), %wt	13 - 18 (7)
Acid Value, mgKOH/g	< 8
Flash Point C.O.C., °C	> 140
Copper Corrosion+	4B
P <sub>B</sub> /P <sub>D</sub> , kg++	88 / 315

### Product Description

**SMART BASE 2017** is a clear deep amber fatty oil EP additive with high active sulfur; mainly used in formulations for metal working oils.

**SMART BASE 2017** possesses low viscosity, so is specially suitable for formulating deep drilling and honing oils; which require extremely superior cleansing property.

**SMART BASE 2017** 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 2017** is light color, so operations can easily be monitored. Its low odor can be accepted easily by workers.

**SMART BASE 2017** 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 - 15
Tapping	3 - 15
Cold Heading (Cut Side Only)	5 - 20
Automatic Screw Machines (Cut Side Only)	5 - 10
Turning	2 - 8

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