

**Typical Properties**

Appearance	Clear Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	300 - 400
Sulfur Content (Active ), %wt	16 - 18 (<3)
Acid Value, mgKOH/g	≤ 20
Flash Point C.O.C., °C	> 150
Copper Corrosion+	1B
P <sub>B</sub> /P <sub>D</sub> , kg++	88 / 315
Std Packaging (NW / GW, Kg)	212.0 / 195.0

**Product Description**

**SMART BASE 2816** is a clear amber sulfurized fatty oil with low odor. It possesses extremely good lubricity and EP characteristic. It is recommended for oil-based formulations for ferrous and yellow metals.

**SMART BASE 2816** possesses relatively high viscosity, so it is suitable for applications in heavy-duty machining operations such as tapping, drawing, stamping, turning and threading.

**SMART BASE 2816** exhibits superior EP property when compared to conventional sulfurized additive with the same sulfur content. Also, **SMART BASE 2816** can enhance surface finishing of workpieces.

**SMART BASE 2816** 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
Threading	3 - 15
Cold Head	5 - 10
Cold Head	5 - 10
Turning	2 - 10

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