

Supplier - SMART OIL
Smart Base 2816
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	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 _B /P _D , kg++	88 / 315

⁺10% additive in SN150, 3h, 100

⁺⁺4 Ball Wear Test; 5% additive in SN150, Server Motor Speeds reach 1500rpm (P_B) and 1760rpm (P_D) in 0.03sec.

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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