

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 _B /P _D , kg++	82 / 250

⁺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 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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