

Supplier - SMART OIL
Smart Base 1217
Sulfurized Fatty Oil
Dark Color Sulfurized Additives

Typical Properties

Appearance	Dark Brown Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	700 - 1100
Sulfur Content (Active), %wt	16 - 19 (6)
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 190
Copper Corrosion+	4B
P _B /P _D , kg++	94 / 315

*10% additive in SN150, 3h, 100

**4 Ball Wear Test; 5% additive in SN150, Servo Motor Speeds reach 1500rpm (PB) and 1760rpm (PD) in 0.03sec.

Product Description

SMART BASE 1217 is a sulfurized lard oil additive; suitable for machining various kinds of ferrous metals.

SMART BASE 1217 designed for using in formulations of neat oil operation on difficult-to-machine ferrous metals.

SMART BASE 1217 contains active sulfur, which is not recommended for the machining of copper, brass, or bronze alloys.

Applications

Threading

Threading

Cold Heading (Cut Side Only)

Threading

Turning

Suggested Treat Rates, %wt

10 - 20

10 - 20

20 - 30

10 - 20

5 - 10

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