

Supplier - SMART OIL
Smart Base 1317
Sulfurized Fatty Oil
Dark Color Sulfurized Additives

Typical Properties

Appearance	Dark Brown Liquid
Specific Gravity@25°C	0.950 - 1.050
Viscosity@40°C, cSt	500 - 700
Sulfur Content (Active), %wt	16 - 18 (5)
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 190
Copper Corrosion+	4B
PB/PB,kg++	88/315

**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 1317 is a sulfurized lard oil additive which is suitable for use in various kinds cutting oil of ferrous metals.

SMART BASE 1317 is suitable to produce processing fluids with a wide range of viscosity systems such as stamping oil, drawing oil, cold forging oil, etc.

SMART BASE 1317 has excellent anti-wear, lubrication and extreme pressure properties, especially suitable for cold forging process such as nuts and sleeves; and can extend the service life of the mold.

SMART BASE 1317 contains active sulfur; therefore, it is not suitable for the processing of copper, bronze and brass.

Applications	Suggested Treat Rates, %wt
Threading	10 - 20
Tapping	10 - 20
Cold Heading (Cut Side Only)	20 - 30
Automatic Screw Machines (Cut Side Only)	10 - 20
Turning Operation	5 - 10

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