

Supplier - SMART OIL
Smart Base 1417
Dark Color Sulfurized Additives
Sulfurized Fatty Oil

Typical Properties

Appearance	Dark Brown Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	250 - 500
Sulfur Content (Active), %wt	16 - 18 (6)
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 200
Copper Corrosion+	4B
P _B /P _D , kg++	88 / 250
Std Packaging (NW / GW, Kg)	217.0 / 200.0

Product Description

SMART BASE 1417 is a premium sulfurized fatty additive, with both vegetable and lard oils as raw materials. It possesses low viscosity, so is easy to blend. The color for 5% dilution in base oil is translucent deep brown.

SMART BASE 1417 possesses relatively good wetting and lubricating characteristics when compared to traditional sulfurized lard oil. It is not easy to corrupt, with good cleansing property after operation.

SMART BASE 1417 possesses very good EP property; specially suitable for severe operation on hard-to-machine steel alloys.

SMART BASE 1417 contains active sulfur, so it is not suitable for machining general copper, bronze and brass.

Applications

Suggested Treat Rates, %wt

Reaming	10 - 20
Reaming	10 - 20
Cold Head (Cut Side Only)	20 - 30
Reaming	10 - 20
Turning	5 - 10

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