Supplier - SMART OIL

Smart Base 1217

Sulfurized Fatty Oil

Dark Color Sulfurized Additives

Typical Properties

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

+10% additive in SN150, 3h, 100°C

++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	**Suggested Treat Rates, %wt**
Threading	10 - 20
Threading	10 - 20
Cold Heading (Cut Side Only)	20 - 30
Threading	10 - 20
Turning	5 - 10

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