

Supplier - SMART OIL
Smart Base 1310LV
Sulfurized Methyl Ester
Dark Color Sulfurized Additives

Typical Properties

Appearance	Dark Brown Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	15 - 25
Sulfur Content (Active), %wt	9 - 11 (0)
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 160
Copper Corrosion+	1B
P _B /P _D , kg++	82 / 200

*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 1310LV is a sulfurized methyl ester additive with low viscosity and low odor. It contains no active sulfur, so can be used in formulations for non-ferrous applications.

SMART BASE 1310LV can be used as lubricant and EP additive in both neat oil and water-based formulations; having good compatibility with various kinds of EP additives and co-emulsifiers.

Applications

Neat Oil Cutting
 Neat oil Stamping / Drawing
 Soluble Oil / Rolling Oil

Suggested Treat Rates, %wt

5 - 10
 3 - 15
 2 - 10

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