

Supplier - SMART OIL
Smart Base 1110
Sulfurized Fatty Oil
Dark Color Sulfurized Additives

Typical Properties

Appearance	Dark Brown Liquid
Specific Gravity@25°C	0.950 - 1.000
Viscosity@40°C, cSt	900 - 1300
Sulfur Content (Active), %wt	9 - 12 (0)
Acid Value, mgKOH/g	< 8
Flash Point C.O.C., °C	> 200
Copper Corrosion+	1B
P _B /P _D , kg++	88 / 250

*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 1110 is a non-active sulfurized lard oil additive; suitable for processing non-ferrous and ferrous metals.

SMART BASE 1110 is relatively viscous; suitable for various formulations such as cutting oils, stamping and drawing oils, rolling oils and greases.

SMART BASE 1110 can be used with naphthenic or paraffinic base oils.

Applications	Suggested Treat Rates, %wt
Automatic Screw Machines	10 - 15
Turning	5 - 10
Gear Cutting	5 - 10
Soluble Oils	3 - 15

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