

**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 <sub>B</sub> /P <sub>D</sub> , kg++	88 / 250
Std Packaging (NW / GW, Kg)	217.0 / 200.0

**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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