

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°C

⁺⁺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

Automatic Screw Machines
 Turning
 Gear Cutting
 Soluble Oils

Suggested Treat Rates, %wt

10 - 15
 5 - 10
 5 - 10
 3 - 15

Print date: 11-08-26

Disclaimer: Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.