

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°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 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

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.