

Supplier - SMART OIL
Smart Base 2510
Sulfurized Fatty Oil
Light Color Sulfurized Additives

Typical Properties

Appearance	Clear Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	45 - 90
Sulfur Content (Active), %wt	8.5 - 10.5 (<4)
Acid Value, mgKOH/g	≤ 9
Flash Point C.O.C., °C	> 145
Copper Corrosion+	1B
P _B /P _D , kg++	76 / 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 2510 is an inactive EP additive with clear amber colour, low odor and sulfurized fatty oil, possessing good lubricity and anti-wear properties. It is designed for use in neat oil and soluble oil formulations, applying for both ferrous and non-ferrous metals.

SMART BASE 2510 possesses low viscosity and is easy to be blended with other additives and mineral oils. It exhibits superior EP property when compared to conventional equivalent amounts of sulfur-containing additives.

SMART BASE 2510 will not corrode yellow metals, so it can be used to machine brass and bronzes.

SMART BASE 2510 is highly stable and compatible with other additives and different groups of base oils, which make it easy for blenders to use for blending different types of machining oils.

Applications	Suggested Treat Rates, %wt
Threading	3 - 15
Threading	3 - 15
Cold Head (Cut Side Only)	5 - 20
Automatic Screw Machines (Cut Side Only)	5 - 15
Turning	2 - 8

Print date: 21-09-26

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.