

Supplier - SMART OIL
Smart Base 2810
Sulfurized Fatty Oil
Light Color Sulfurized Additives

Typical Properties

Appearance	Clear Dark Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	900 - 1400
Sulfur Content (Active), %wt	10 - 12 (<3)
Acid Value, mgKOH/g	≤ 5
Flash Point C.O.C., °C	> 145
Copper Corrosion+	1B
P _B /P _D , kg++	76 / 315

*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 2810 is a deep amber sulfurized fatty oil with low-odor property. It possess high viscosity and good EP characteristic; so it is suitable for heavy-duty operations such as machining titanium alloys.

SMART BASE 2810 is also suitable for using in the formulations of drawing, stamping and forming oils.

SMART BASE 2810 has low staining characteristic, so can be used for both ferrous and non-ferrous metals.

SMART BASE 2810 has good stability and compatibility with other additives and different types of base stocks, which make it easy for blenders to use for blending different types of machining oils.

Applications

Suggested Treat Rates, %wt

Tapping	3 - 15
Tapping	3 - 15
Cold Head (Cut Side Only)	5 - 10
Automatic Screw Machines (Cut Side Only)	5 - 8
Turning	2 - 8

Print date: 29-04-26

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.