

Typical Properties

Appearance	Amber Liquid
Specific Gravity@25°C	0.900 - 1.100
Viscosity@40°C, cSt	170 - 250
Sulfur Content, %wt	14 - 16
Acid Value, mgKOH/g	≤ 2
Flash Point C.O.C., °C	> 150
Copper Corrosion+	4B
P <sub>B</sub> / P <sub>D</sub> , kg++	82 / 315
Std Packaging (NW / GW, Kg)	217.0 / 200.0

Product Description

**SMART BASE 2916** is a kind of amber, high viscosity, low-odor fatty oil; with excellent lubricating and extreme pressure properties, it is recommended for use in neat oil formulations for the processing ferrous metals.

**SMART BASE 2916** is suitable for tapping, drawing, stamping, turning and other heavy-duty processing. Compared with other additives with similar sulfur content, **SMART BASE 2916** exhibits better EP and lubrication performance that can effectively elevate the surface finishing, and can extend tool life.

**SMART BASE 2916** exhibits good compatibility in different groups of base oil that make it easy to blend different types of processing oil.

**SMART BASE 2916** contains active sulfur, which is not suitable for processing ordinary copper, bronze, and brass.

Applications	Suggested Treat Rates, %wt
Threading	8 - 15
Tapping	8 - 20
Cold Heading (Cut Side Only)	8 - 15
Automatic Screw Machines (Cut Side Only)	5 - 12

Print date: 04-02-25

**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.