

### Typical Properties

Appearance	Dark Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	700 - 900
Sulfur Content (Active), %wt	14 - 17 (<6)
Acid Value, mgKOH/g	≤ 9
Flash Point C.O.C., °C	> 130
Copper Corrosion+	1B
P <sub>B</sub> /P <sub>D</sub> , kg++	82 / 315
Std Packaging (NW / GW, Kg)	212.0 / 195.0

### Product Description

**SMART BASE 2516** is a sulfurized fatty oil colored amber and with low odour. It contains sulfur as high as 16%; but still will not easily stain yellow metals.

**SMART BASE 2516** possesses excellent lubricity and EP properties, and it is recommended for use in formulations of cutting and forming oils for ferrous and non-ferrous metals.

When compared to other sulfurized additives, **SMART BASE 2516** exhibits relatively high oil film strength due to its high viscosity; so it exhibits high performance in stamping and drawing operations.

**SMART BASE 2516** is light color, so operations can easily be observed during processing, and its low odor is easily acceptable by workers.

**SMART BASE 2516** has good stability and compatibility with other additives and different groups of base oils, which make it easy for blenders to use for blending different types of machining oils.

<b>Applications</b>	<b>Suggested Treat Rates, %wt</b>
Threading	3 - 10
Threading	3 - 10
Cold Head (Cut Side Only)	5 - 20
Automatic Screw Machines (Cut Side Only)	5 - 10
Turning	2 - 8

Print date: 03-05-24

**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.