

Typical Properties

Appearance	Dark Brown Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	550 - 850
Sulfur Content (Active), %wt	17 - 20 (6)
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 190
Copper Corrosion+	4B
P _B / P _D , kg++	88 / 315
Std Packaging (NW / GW, Kg)	217.0 / 200.0

Product Description

SMART BASE 1219 is a sulfurized fatty oil additive with relatively high sulfur content. It possesses high lubricity, can exhibit superior performance in cold heading and drawing oil formulations.

SMART BASE 1219 possesses superior EP properties, so it is specially suitable for machining tough metals like stainless steels and titanium alloys.

SMART BASE 1219 contains active sulfur; so it is not suitable for processing copper, bronze and brass.

Applications**Suggested Treat Rates, %wt**

Reaming	10 - 20
Reaming	10 - 20
Cold Heading (Cut Side Only)	20 - 30
Reaming	10 - 20
Turning	5 - 10

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.