

Typical Properties

Appearance	Dark Brown Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	300 - 450
Sulfur Content (Active), %wt	17 - 19 (6)
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 180
Copper Corrosion+	4B
P _B / P _D , kg++	94 / 315
Std Packaging (NW / GW, Kg)	200.0 / 217.0

Product Description

SMART BASE 1217DN is a sulfurized lard oil additive with low viscosity, suitable for machining various kinds of ferrous metals.

SMART BASE 1217DN is designed for use in formulations of neat oil operation on difficult-to-machine ferrous metals.

SMART BASE 1217DN contains active sulfur, which is not recommended for the machining of copper, brass, or bronze alloys.

Applications	Suggested Treat Rates, %wt
Threading	10 - 20
Tapping	10 - 20
Cold Heading (Cut Side Only)	20 - 30
Threading	10 - 20
Turning	5 - 10

Print date: 01-07-25

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.