

Supplier - SMART OIL  
**Smart Base 1238**  
*Dark Color Sulfurized Additives*  
*Sulfurized Olefin*

**Typical Properties**

Appearance	Dark Brown Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	50 - 130
Sulfur Content (Active), %wt	33 - 38 (27)
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 180
Copper Corrosion+	4B
P <sub>B</sub> /P <sub>D</sub> , kg++	82 / 315
Std Packaging (NW / GW, Kg)	230.0 / 213.0

**Product Description**

**SMART BASE 1238** is a high-sulfur additive suitable for severe metalworking operations; it can satisfy the jobs that require high-sulfur and low viscosity; including stainless and high-alloy steel operations.

**SMART BASE 1238** has good compatibility with other additives in formulations. It exhibits special synergistic effect when blended with other chlorinated, or chlorinated replacement additives.

**SMART BASE 1238** possesses relatively low odor and low viscosity, so blending is easy.

**SMART BASE 1238** has high content of active sulfur; so it is not suitable for use on non-ferrous metals such as red copper, bronze and brass.

**Applications**

**Suggested Treat Rates, %wt**

Threading	3 - 10
Threading	3 - 10
Cold Heading	3 - 8
Cutting	2 - 5

Print date: 28-07-24

***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.*