

Supplier - SMART OIL  
**Smart Base 3535**  
*Sulfurized Fatty Oil*  
*Light Color Sulfurized Additives*

### Typical Properties

Appearance	Clear Amber Liquid
Viscosity@40°C, cSt	45-70
Sulfur content(active), %wt	32-36
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	>150
Copper Corrosion+	4B
P <sub>B</sub> / P <sub>D</sub> ,kg++	107 / 500

\*10% additive in SN150, 3h, 100

\*\*4 Ball Wear Test; 5% additive in SN150, Server Motor Speeds reach 1500rpm (P<sub>B</sub>) and 1760rpm (P<sub>D</sub>) in 0.03sec.

### Product Description

**SMART BASE 3535** is a clear amber, low viscosity, low-odor sulfurized fatty oil that provides excellent lubricity and extreme pressure (EP) performance. It is suitable for use in various alloy machining fluid formulations.

**SMART BASE 3535** has a relatively high sulfur content and is suitable for heavy-duty operations such as tapping, turning, and threading. Due to its active sulfur content, it is not suitable for machining non-ferrous metals such as copper and aluminium alloys.

**SMART BASE 3535** has a light colour, allowing easy visual observation during processing. Its low odor improves user acceptance and contributes to a more operator-friendly working environment.

**SMART BASE 3535** demonstrates good compatibility and stability with various base oils and other additives, making it easy to formulate different types of metalworking fluids.

Print date: 21-05-26

**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.