

Supplier - SMART OIL  
**Smart Base 3633**  
*Polysulfide mixture*  
*Light Color Sulfurized Additives*

### Typical Properties

Appearance	Clear Yellow Liquid
Viscosity@40°C, cSt	160-190
Sulfur content (active sulfur), %wt	28-32(23)
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 160
Copper Corrosion+	4B
P <sub>B</sub> / P <sub>D</sub> , kg++	107 / 400

### Product Description

**SMART BASE 3633** is a mid- viscosity polysulfide that provides excellent extreme pressure (EP) performance and good lubricity. It is particularly suitable for machining difficult-to-process metals such as stainless steel and titanium alloys.

**SMART BASE 3633** contains a high level of active sulfur and exhibits a certain degree of copper corrosivity; therefore, it is not suitable for machining non-ferrous metals such as copper and aluminium alloys.

**SMART BASE 3633** has a light colour, allowing easy visual observation during processing. Its low odour improves user acceptance and contributes to a more operator-friendly working environment.

**SMART BASE 3633** demonstrates good compatibility and stability with various base oils and other additives, making it easy to formulate different types of metalworking fluids.

In addition to its wide application in metalworking fluids, **SMART BASE 3633** can also be used in other formulation systems. For example, it can be used in the formulation of moulding for silicon rubber to enhance ablation resistance and thermal stability, or in asphalt (modified asphalt) to improve dispersion, durability, elasticity, and deformation resistance, thereby enhancing overall performance.

Print date: 05-07-26

**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.