

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 _B / P _D , kg++	107 / 500

⁺10% additive in SN150, 3h, 100°C

⁺⁺4 Ball Wear Test; 5% additive in SN150, Server Motor Speeds reach 1500rpm (P_B) and 1760rpm (P_D) 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.

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