

Supplier - SMART OIL
Smart Base 2526
Sulfurized Fatty Oil
Light Color Sulfurized Additives

Typical Properties

Appearance	Clear Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	100 - 200
Sulfur content, %wt	24 - 27
Acid Value, mgKOH/g	≤ 8
Flash Point C.O.C., °C	> 130
Copper Corrosion+	1B
P _B /P _D , kg++	88 / 315

⁺10% additive in SN150, 3h, 100

⁺⁺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 2526 is a light color and low odor product that can provide good machining environment without unpleasant characteristics.

SMART BASE 2526 is a clear amber sulfurized fatty oil with EP and low viscosity characteristics; mainly used in formulations for deep drilling and honing oils, which superior cleansing property is required.

SMART BASE 2526 can be used in water-based heavy-duty formulations which high EP is required.

SMART BASE 2526 has good oxidative and thermal stability with excellent compatibility with other additives and different group of base oils, which can extend lubricant life and provide easy blending for different type of machining oils.

Applications

Suggested Treat Rates, %wt

Threading	3 - 15
Threading	3 - 15
Cold Head (Cut Side Only)	5 - 10
Automatic Screw Machines (Cut Side Only)	5 - 8
Turning	2 - 8

Print date: 21-09-26

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