Supplier - SMART OIL

Smart Base 2810

Sulfurized Fatty Oil

Light Color Sulfurized Additives

Typical Properties

Appearance	Clear Dark Amber Liquid
Specific Gravity@25℃	0.900 - 1.000
Viscosity@40℃, cSt	900 - 1400
Sulfur Content (Active), %wt	10 - 12 (<3)
Acid Value, mgKOH/g	≤ 5
Flash Point C.O.C., ℃	> 145
Copper Corrosion+	1B
P_B/P_D, kg++	76 / 315

+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 2810 is a deep amber sulfurized fatty oil with low-odor property. It possess high viscosity and good EP characteristic; so it is suitable for heavy-duty operations such as machining titanium alloys.

SMART BASE 2810 is also suitable for using in the formulations of drawing, stamping and forming oils.

SMART BASE 2810 has low staining characteristic, so can be used for both ferrous and non-ferrous metals.

SMART BASE 2810 has good stability and compatibility with other additives and different types of base stocks, which make it easy for blenders to use for blending different types of machining oils.

Applications	**Suggested Treat Rates, %wt**
Tapping	3 - 15
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Cold Head (Cut Side Only)	5 - 10
Automatic Screw Machines (Cut Side Only)	5 - 8
Turning	2 - 8

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