

Supplier - SMART OIL
Smart Base 1219
Dark Color Sulfurized Additives
Sulfurized Fatty Oil

Typical Properties

| | |
|--|-------------------|
| Appearance | Dark Brown Liquid |
| Specific Gravity@25°C | 1.000 - 1.100 |
| Viscosity@40°C, cSt | 550 - 850 |
| Sulfur Content (Active), %wt | 17 - 20 (6) |
| Acid Value, mgKOH/g | ≤ 8 |
| Flash Point C.O.C., °C | > 190 |
| Copper Corrosion+ | 4B |
| P _B / P _D , kg++ | 88 / 315 |
| Std Packaging (NW / GW, Kg) | 217.0 / 200.0 |

Product Description

SMART BASE 1219 is a sulfurized fatty oil additive with relatively high sulfur content. It possesses high lubricity, can exhibit superior performance in cold heading and drawing oil formulations.

SMART BASE 1219 possesses superior EP properties, so it is specially suitable for machining tough metals like stainless steels and titanium alloys.

SMART BASE 1219 contains active sulfur; so it is not suitable for processing copper, bronze and brass.

| Applications | Suggested Treat Rates, %wt |
|------------------------------|-----------------------------------|
| Reaming | 10 - 20 |
| Reaming | 10 - 20 |
| Cold Heading (Cut Side Only) | 20 - 30 |
| Reaming | 10 - 20 |
| Turning | 5 - 10 |

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