

Supplier - SMART OIL  
**Smart Base CF1109LT**

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*Light Color Heavy Duty Cutting Oil Package*

**Typical Properties**

|                             |                    |
|-----------------------------|--------------------|
| Appearance                  | Clear Amber Liquid |
| Specific Gravity@25°C       | 0.900 - 1.000      |
| Viscosity@40°C, cSt         | 25 - 50            |
| Sulfur Content, %wt         | > 9 (< 5)          |
| Fat Content, %wt            | > 20               |
| Flash Point C.O.C., °C      | > 120              |
| Std Packaging (NW / GW, Kg) | 200.0 / 217.0      |

**Product Description**

**SMART BASE CF1109LT** is a light color and low odor additive, containing active sulfur and phosphor compounds, but no chlorine.

**SMART BASE CF1109LT** is a heavy duty additive package designed for blending of cutting oils for processing titanium alloys. It can effectively reduce tool wear, and extend tool life.

**SMART BASE CF1109LT** is compounded with specific synthetic fatty ester, which can provide strong wetting characteristic and good product finishing can be attained.

Besides, **SMART BASE CF1109LT** can also be used on hard stainless steels like 316 and 316L alloys, for cutting, drilling, tapping and threading processes.

**Applications**

General Application

**Suggested Treat Rates, %wt**

5 - 25

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