

Supplier - SMART OIL  
**Smart Base CF1109LT**  
*Light Color Heavy Duty Cutting Oil Package*  
*Light Color Cutting Oil Packages*

### 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

### 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