

Supplier - SMART OIL  
**SmartLub 9212**  
*Fatty Ester Package*  
*Boundary Lubricating Additives*

### Typical Properties

Appearance	Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	60 - 90
Acid Value, mgKOH/g	< 50
Flash Point C.O.C., °C	> 160

### Product Description

**SMARTLUB 9212** is a low viscosity vegetable-based fatty ester which exhibits better thermal stability and superiority than conventional animal fats due to the presence of special dispersing agent and lubricating additives.

**SMARTLUB 9212** provides good lubricity and anti-wear characteristics to improve the performance and surface finishing of the workpieces.

**SMARTLUB 9212** exhibits enhanced machining characteristics, especially in aluminum applications. Moreover it is recommended for use in grinding, tapping and water-based formulations.

#### **Applications**

Grinding Oil  
Tapping  
Semi-Synthetic / Synthetic

#### **Suggested Treat Rates, %wt**

3 - 8  
3 - 10  
10 - 15

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