

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

Suggested Treat Rates, %wt

Grinding Oil	3 - 8
Tapping	3 - 10
Semi-Synthetic / Synthetic	10 - 15

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