MAYLUBE E-101

Tridecyl Stearate Ester
Non-Ferrous Lubricity
Additive

Maylube E-101 is a fatty ester designed especially for the machining and grinding of aluminum alloys. Although the additive is oil soluble, it can be incorporated into soluble oil, semi-synthetic, and synthetic fluid formulations.

Maylube E-101 has also shown excellent performance in aluminum can making, especially in the "cupping" portion of the process.

Maylube E-101 can also be used in the following areas:

	% Weight
Vanishing Oils	0.5-1.0
Wire Drawing	3-5
Finning Operations	3-5
Aluminum Grinding	3-5
Aluminum Machining	5-10

TYPICAL PROPERTIES

Property	Result
Specific Gravity @ 60/60°F	0.86
Density, lb/gal	7.1
Viscosity @ 100°F (210°F), SUS	95 (35)
Viscosity @ 100°F (210°F), cSt	20 (7.6)
Appearance	Clear Yellow Fluid
Flash Point, °F	>350
Pour Point, °F (°C)	40 (4.4)
Neutralization Number, meqKOH/g	2

Prolonged exposure to cool temperatures may result in solidification. If product freezes, heat to 110-120°F to reconstitute.

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