



LUBE BOOSTER II

Polymer Based Compound

Water Soluble Lubricity

Additive

Lube Booster II is a water soluble, polymer based lubricity additive for synthetic and semi-synthetic fluids (ferrous and non-ferrous applications). It can be used for general and multi-metal machining; and especially in combination with **EM-706** in drawing and stamping, and aluminum alloy machining. In addition, for heavy operations **Lube Booster II** can be added tank-side to improve lubricity and surface finish.

Lube Booster II exhibits low-foaming properties at 1% tap water and has moderate hard water stability. **Lube Booster II** utilized straight chain chemistry to preserve a biodegradable profile and is compatible with most publicly owned waste water treatment facilities (POWT). It contains no nitrile, chlorine, sulfur, phosphorus or petroleum oil. When working with copper or stainless steel, a suitable amine inhibitor should be included to prevent staining.

Lube Booster II recommended treat rates are indicated below:

	<u>% Treat</u>
Machining Fluid (ferrous and non-ferrous metals)	4-8
Synthetic Drawing Compounds (ferrous and non-ferrous)	6-12

TYPICAL PROPERTIES

Property	Typical Result
Appearance @ 77°F	Clear
Appearance @ 36°F	Opaque
Specific Gravity @ 77°F	1.0
Density (lb/gal)	8.3
Base Number, mgKOH/g eq.	76
Viscosity, SUS @ 100°F	2300
Acid Value (mgKOH/g)	65
Flash Point, C.O.C., °F	>375
Flash Point C.O.C., °C	>191
pH, 2.5% (Buffer 7.0)	8.1
Color, ASTM	4
Active %	95
Water %	5

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