Supplier - DOVER

Maylube S-003

Synthetic Ester/Hydrocarbon

Synthetic Esters

## **Typical Properties**

Appearance	Clear Amber Fluid
Specific Gravity@60/60°F	0.940
Density,lb/gal	7.9
Viscosity @100°F(1:1invert ),SUS	300 (1200)
Viscosity @100°F(1:1invert ),cSt	65 (250)
Acid Value,meqKOH/g	20
Total Alkalinity,meqKOH/g	9
pH Value(5%Concentration)	8.8
	0.0

## **Product Description**

**MAYLUBE S-003** is a versatile synthetic additive designed to be incorporated in soluble oils, semi-synthetic, and synthetic products where there is a need to enhance or boost performance and finish in aluminum applications.

**MAYLUBE S-003** is oil and water soluble, making formulating premium products an easier task for the development chemist.

**MAYLUBE S-003** does not contain diethanolamine, chlorinated, sulfurized, and/or phosphorus containing materials.

**MAYLUBE S-003** can also be inverted by the addition of water to the product to create a thickened, yet clear, solution for stamping and drawing operations.

**MAYLUBE S-003** can be used as a sump side coolant performance booster at 0.25 - 1.00% treat to the total system volume. Also, **MAYLUBE S-003** acts as a desmut additive in cast iron applications at the same treat rates.

**MAYLUBE S-003** has exhibited a synergistic effect in machining operations, when paired with **MAYLUBE S-830** at a 1:1 ratio with the total additive level between 5 - 30%, depending on the severity of the application.

ApplicationsSuggested Treat Rates, %wtGrinding (Surface / Centreless)3 - 5General Machining5 - 10

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