

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

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.

Applications

Grinding (Surface / Centreless)
 General Machining

Suggested Treat Rates, %wt

3 - 5
 5 - 10

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