Supplier - DOVER

# Maylube S-003

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*Synthetic Ester/Hydrocarbon*

## Typical Properties

| | |
|---|---|
| Appearance | Clear Amber Fluid |
| Specific Gravity@60/60℉ | 0.940 |
| Density,lb/gal | 7.9 |
| Viscosity @100℉(1:1invert ),SUS | 300 (1200) |
| Viscosity @100℉(1:1invert ),cSt | 65 (250) |
| Acid Value,meqKOH/g | 20 |
| Total Alkalinity,meqKOH/g | 9 |
| pH Value(5%Concentration) | 8.8 |
| Std Packaging (NW / GW, Kg) | 186.0 / 203.0 |

## 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.

| **Applications** | **Suggested Treat Rates, %wt** |
|---|---|
| Grinding (Surface / Centreless) | 3 - 5 |
| General Machining | 5 - 10 |

*Print date: 16-07-25*

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