



MAYLUBE S-830

Phosphate Ester

Water Soluble E.P. / Lubricity Additive

Maylube S-830 is a synthetic E.P. and boundary lubricity agent designed to improve performance and finish on both ferrous and non-ferrous alloys. **Maylube S-830** contains no chlorinated or sulfurized materials.

Maylube S-830 is a water-soluble compound that produces transparent solutions in all dilutions and can be added directly to most semi-synthetic and synthetic fluid formulations (5-15% treat). However, **Maylube S-830** is not compatible with total oil rejecting synthetics.

Maylube S-830 can be used as a sump side additive for enhanced performance. A recommended treat would be 1-2 gallons per 100 gallons coolant sump. **Maylube S-830** can be used in drawing operations that require an oil-free, easily removed residual film (20-45% treat). Success has been seen in non-ferrous through stainless applications. **Maylube S-830** has replaced highly chlorinated drawing compounds in some of these areas.

Maylube S-830 has a synergistic effect in cutting applications with **Maylube S-003**, at an approximately 1:1 ratio. Total treat levels recommended would be 5% for light-duty machining to 30% for tapping operations.

TYPICAL PROPERTIES

Property	Result
Specific gravity @ 60/60°F	1.09
Density, lb/gal	9.08
Viscosity @ 100°F SUS (cSt)	1,500 (325)
Appearance	Clear Amber Fluid
Acid Value (meqKOH/g)	72
Total Alkalinity (meqKOH/g)	7.5
pH Value, Neat (5% Concentration)	8.2 (8.0)
Phosphorus Content, %	1.2

The information contained on this data sheet is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results obtained from the use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will conduct your own tests to determine the suitability of the product for your particular use. (120412)

LGP-11®, LUBE-BOOSTER®, MAYCO®, PAROIL®, SUL-PERM®, SYN-CHEK®, SYNKAD®, CHLOREZ®, CHLOROWAX 40®, CHLOROWAX 50®, DOVERNOX®, DOVERPHOS®, DOVERPHOS HIPURE®, and DOVERPHOS S-9228® are federally registered trademarks of Dover Chemical Corporation.

3676 Davis Road NW, Dover, OH 44622
330-343-7711 · 800-321-8805 · Facsimile 330-365-3926 · www.doverchem.com