

POXYLUBE® #835
AIR DRYING
 SERIES A500



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GENERAL DESCRIPTION

Sandstrom **POXYLUBE® #835** is an environmentally safe coating to apply when VOC restrictions prohibit the use of Sandstrom solventborne **POXYLUBE®** products.

FEATURES/BENEFITS

- Provides excellent lubrication
- Easy clean up with soap and water
- Is environmentally safe
- Exhibits good thermal stability

COMPOSITION AND PHYSICAL PROPERTIES

NET WEIGHT PER GAL	9.3 - 9.8 lbs.	SHELF LIFE	6 months from date of shipment
SOLIDS CONTENT	44% - 47% (By weight)	VEHICLE TYPE	100% Acrylic
VISCOSITY	85 - 95 KU @ 77°F	LUBRICATIVE PIGMENT	PTFE
OPERATING TEMP. RANGE	Up to 350°F	VOC (Theoretical)	227 g/liter (1.89 lb gallon)
COLOR:	BLACK	CORROSION PROTECTION	100 hours (5% salt fog at .0005" film thickness over zinc phosphated steel)
THINNING	7 parts lubricant to 1 part deionized water		
APPLICATION	Conventional spray		
STORAGE CONDITIONS	50°F to 90°F DO NOT FREEZE		

NOTICE

Before using this product, read all warnings and safety information printed on the label, the Material Safety Data Sheet, and the Technical Info-Guide.

GENERAL

For maximum service, the PREPARATION AND APPLICATION INSTRUCTIONS MUST BE CLOSELY FOLLOWED.

COVERAGE

One gallon of this material will theoretically cover 575 sq. ft. Coverage depends upon methods of application and other variables, such as overspray and type of surface to be coated. Above coverage rates are based on 100% efficiency.

SURFACE PREPARATION

The following surface preparations are recommended for the individual metals listed to develop maximum adhesion, wear life, and corrosion protection. Please contact Sandstrom Products Company for substitute surface preparations if recommended steps cannot be followed.

STEEL - Degrease using naphtha meeting the requirements of FED spec TT-N-95; grit blast (25 - 50 rms optimum); remove grit blast debris from surface; zinc phosphatize (1100 - 1400 milligrams per square foot).

STAINLESS STEEL - Degrease using naphtha meeting the requirements of FED spec TT-N-95; grit blast (25 - 50 rms optimum); remove grit blast debris from surface; passivate.

ALUMINUM - Degrease using naphtha meeting the requirements of FED spec TT-N-95; anodize (hot water or nickel acetate seal only) or hard coat and seal.

TITANIUM - Solvent wash (non-chlorinated) and alkaline anodize: (Tiodize Type I or II).

COPPER ALLOYS - Degrease using naphtha meeting the requirements of FED spec TT-N-95; then pre-treat using one of the following methods (in order of preference).

- a) Black oxide treat (according to MIL Spec MIL-F-495C)
- b) Bright dip, or grit blast (25 - 50 rms optimum)

IMPORTANT! AVOID TOUCHING THE SURFACES TO BE COATED WITH THE FINGERS - OIL FROM THE HANDS WILL INTERFERE WITH PROPER COATING. Whenever possible treat both contact surfaces (i.e., the shaft and the bearing).

STIRRING

IMPORTANT! THIS LUBRICANT SHOULD BE STIRRED THOROUGHLY BEFORE USE AND CONTINUOUSLY DURING APPLICATION.

THINNING

For conventional spraying:
Reduce **POXYLUBE® #835** with **deionized water** as follows:
7 parts **POXYLUBE® #835** to 1 part deionized water.

APPLICATION

Sandstrom **POXYLUBE® #835** should be sprayed to the desired film thickness.

CURING

Allow the coated parts to dry for 24 hours before using (50% humidity at 70°F). The parts will be tack free in approximately 30 minutes. **NOTE:** Cure may be accelerated by air drying for 30 minutes and then oven curing for 30 minutes at 250°F.

CLEANUP

Use soap and water for cleanup.

REMOVAL OF SANDSTROM #835

In the event it is necessary to remove **POXYLUBE® #835**, physical removal is best (such as grit blasting, sanding or grinding). Also, selected epoxy cold strippers can be used.

*Strict compliance to the instructions given in Surface Preparation and Stirring is essential to obtain optimum results.

WARNINGS: Constant stirring is imperative for best results. Use with adequate ventilation. Avoid prolonged breathing of vapors. If swallowed, INDUCE VOMITING and call physician immediately.

IMPORTANT NOTICE TO BUYER / WARRANTY AND LIMITATIONS ON OUR LIABILITY

We warrant our products to be free of manufacturing defects, and that they meet our current published physical properties and specifications. All information and suggestions presented are rendered gratis and is accurate to the best of our knowledge. They are based on technical data which we believe to be reliable, and are intended for use by persons having skill and "know-how," at their own discretion and risk. Prior to use, customers are cautioned to determine the suitability of our products for any given application through their own testing. **NO WARRANTY IS MADE, EXPRESS OR IMPLIED, REGARDING SUCH INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS OBTAINED FROM IT'S USE OR THAT OUR PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. SUCH STATEMENTS ARE NOT INTENDED TO SUGGEST INFRINGEMENT OF ANY PATENT.** Since conditions of use of our products are beyond our control, all suggestions and statements are made without guarantee, warranty or other responsibility, express or implied, on our part. We assume no responsibility for results obtained, or damages incurred, from their use beyond replacing material proved to be defective or refunding the purchase price of such material at our option. Acceptance of delivery of our product means you have accepted the terms of this warranty, whether or not purchase orders or other documents state terms that vary from this warning. No seller is authorized to make any representations or warranty or assume any other liability on our behalf with any sales of our products. © 2/1/98 SANDSTROM PRODUCTS COMPANY 7/25/01