

PISTON SKIRT COATING

SERIES E720



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DESCRIPTION

Sandstrom **SERIES E720 Piston Skirt Coating** is a heat curing solid film lubricant for use in piston skirt applications. This coating provides very low friction and extremely low wear against conventional cylinder bore surfaces honed to a standard 10 - 20 microinch surface finish. It is also suitable for applications requiring extremely low wear and corrosion resistance against most surfaces involving boundary lubrication conditions such as oil pump wear surfaces, cylinder bore surfaces etc.

OUTSTANDING FEATURES/BENEFIT

- Very low frictional characteristics
- Excellent corrosion resistant over both aluminum and cast-iron substrates
- Long wear life

TYPE: Epoxy
FINISH: Matte Dark Gray
PACKAGING: One quart cans
 One gallon cans

SURFACE PREPARATION

Use Acetone to thoroughly degrease surfaces to be coated. Surface etching is recommended.

APPLICATION

Apply **E720 Piston Skirt Coating** as supplied by conventional spray. If necessary, reduce sparingly with Cyclohexanone. Follow bake schedule listed below.

NOTE: Temperature of product at time of coating should be 77°F +/- 5°F

COMPOSITION AND PHYSICAL PROPERTIES

Net Wt./ Gallon	9.1 lbs. to 9.3 lbs	Shelf Life	4 Months @ 32°F / 0°C or Below
Solids Content	47.0% ± 2%	Coefficient of Friction	Dry @ 77°F 0.04 - 0.06 Dry @ 340°F 0.03 - 0.05 5W - 40W Oil @ loads to 10.03 MPa 0.03 - 0.06
Viscosity	47 - 57 KU @ 77°F	Corrosion Protection	Pass 200 hours in spent oil @ 300°F with no peeling, delamination or distress
Flash Point	24°F ± 2°F Setaflash	Film Thickness	.0005 inches
Maximum Operating Temperature Range	Loads with no more than 0.1 MPa 625°F Up to 5.2 MPa 400°F Up to 70 MPa 625°F	Thinning	If needed, thin sparingly with Cyclohexanone
Vehicle Type	Epoxy	Bake Schedule	30 minutes at 225°F followed by 30 minutes at 400°F
VOC	5.0685 lbs./gallon		
Color	Flat Dark Gray		
Application	Conventional spray		

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 5/29/02