



PRO-TEK 3721

RUST PREVENTATIVE

Description

Pro-Tek 3721 is a carefully selected blend of inhibitors, emulsifiers, and surfactants, designed to deposit a soft, greasy film from a water emulsion system. Pro-Tek 3721 is available as a clear coating with each product exhibiting excellent high humidity and salt spray protection properties. Pro-Tek 3721 is intended for use in applying a final preservative coating to production parts preparatory to storage or shipment. Suggested application uses for Pro-Tek 3721 are: engine blocks, valves, gears, tool and dies, bushings, taps, chains and numerous other metal products where a non-flammable product which deposits a firm, waxy film is desired.

Health & Safety

See the most recent MSDS which is available directly from Precision Fluids, your local salesman, or authorized distributor. Precision Fluids uses only raw materials not listed as carcinogenic by IRAC.

Storage:

Store Pro-Tek 3721 at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

Physical Data

Application	Dipping, spraying or flow coating
Coverage	600-1000 sq ft/gal
Removal	Industrial alkaline cleaners @ 170-200°F or petroleum solvents
Film Type	Soft, greasy film – amber or clear in color.
Specific Gravity @ 72°F	0.984
Lbs/Gal	8.2
Flash Point (F)	Non-Flammable
% Solids	38-42%
Viscosity (#4 Ford Cup) @ 73°F	30-50
Film Thickness (mils)	1.0 to 1.5
pH	8.0 to 9.0

Protective Properties

5% Salt Spray (ASTM-B-117-64)	150 Hours (Min.)
Humidity Cabinet (ASTM-D-1748)	2000 Hours (Min.)
Outdoor Storage	Uncovered, 1-3 Months Covered, 1-2 Years
Indoor Storage	Uncovered, 2-3 Years Covered or Packaged, 3-5 Years



Technical Data Sheet

Solutions Through Innovative Technology

Removal:

Pro-Tek 3721 can be removed with a solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. Pro-Tek 3721 can be removed from fabrics by normal dry cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus adversely affecting the performance of this coating as stated in the lab data section. If a product other than Precision Fluids recommended product is required, written authorization must be obtained from Precision Fluids.

Surface Preparation:

The maximum performance of Pro-Tek 3721 can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Precision Fluids recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

Application:

Pro-Tek 3721 is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Precision Fluids. DO NOT THIN Pro-Tek 3721. Incorrect thinning will affect film build, dry time and product performance. Precision Fluids recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. Pro-Tek 3721 can be spray or dip applied. DO NOT FREEZE Pro-Tek 3721.

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