



PRO-TEK 3710

RUST PREVENTATIVE

Description

Pro-Tek 3710 when applied to steel, provides up to six months inside protection and when packaged will give as much as twelve months protection against rust. Pro-Tek 3710 differs from ordinary rust preventive oils in that it is also an excellent lubricant. In general, this material is used on high precision equipment, assemblies and parts, and need not be removed and replaced with conventional lubricants. Pro-Tek 3710 has excellent oxidation resistance and no corrosive effect on non-ferrous metals. The conformance of this Pro-Tek product to rigid government specifications insures the commercial user the best in performance and quality. Pro-Tek 3710 is a light preservative oil especially suited for precision instruments, firearms, and other close tolerance mechanisms as well as for their individual components.

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 3710 at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

Physical Data

Flash Point, min.:	275° F (135° C)
Application:	Flush, dip, spray or brush
Viscosity:	SUS @ 100° F 66-70 CTS @ -65° F 60,000
Lbs/Gal:	7.4
Specific Gravity:	0.889
Removal:	Petroleum Solvents
Pour Point:	-70° F (-56.67° C)
Coverage:	2,000 sq. ft. per gallon (49.1 sq. meters per liter)

Protective Properties

- | | |
|---|---------------|
| • Inside, not packaged | 5 - 6 months |
| • Inside, packaged | 6 - 12 months |
| • Accelerated Test,
100% RH @ 120° F | 200 hours |

Federal Specification MIL-PRF 32033 TYPE PRODUCT

Pro-Tek 3710 is formulated to fulfill the requirements of the Federal Specification noted above. It meets the military requirement of good protection against rust and is designed to give special lubrication properties (such as to insure easy operation of machine guns at sub-zero temperatures, or for the breaking in, storage and operation of engines).



Technical Data Sheet

Solutions Through Innovative Technology

Removal:

Pro-Tek 3710 can be removed with vapor degreasing, hot alkaline wash, or low-pressure steam. Pro-Tek 3710 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.

Caution:

Adequate ventilation is required for cure and to ensure against formation of a combustible liquid. THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT, OR TORCHES. Refer to Precision Fluids' Material Safety Data Sheet for additional handling and first aid information.

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 3710 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 3710 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 3710. 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 3710 can be spray or dip applied.

Precision Fluids • 11850 Tanner Road • Houston, TX 77041

Phone: 713-896-0606 • Fax: 713-896-0610 • www.precisionfluids.com

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