



PRO-TEK 3712

RUST PREVENTATIVE

Description

Pro-Tek 3712 is a solvent type, water displacing, thin soft film. Pro-Tek 3712 is applicable to most plant and inter-plant operations. It is used for the protection of interiors of machines under cover, and particularly will not clog dies of stamping machines.

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 3712 at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

Physical Data

Flash Point:	170°F (Min.)
Lbs/Gal:	6.85 lbs (average)
SUS Viscosity 77°F:	92 SUS
Film:	Thin, transparent and almost non-discernible
Application:	Cold dip, spray or brush

Water Displacement:

Effective moisture displacing action occurs in both spray and brushing application. However, in cases where large volumes of water, liquid alkaline cleaner or soluble cutting fluids are to be displaced from fabrications, it is recommended to agitate part in a dip tank provided with a bottom drain for separation of the displaced liquids.

Pro-Tek 3712 is used on springs, stampings, saws, machine tools, engines, compressors, refrigeration, and aviation parts, watchmaker and precision tools, gear shafts, sockets, hammers, cutting tools, steel plates, taps, drills, bearings, bearing races, knife blades, gear parts, and cold rolled steel and many other applications

Pro-Tek 3712 not only displaces moisture, but will not emulsify in the presence of alkali. It will quickly separate alkaline water displaced from metal surfaces. This non-emulsifiable rust preventative and water displacer will give a protective film upon evaporation which is non-staining and almost non-apparent, except for the sparkling luster it provides to treated parts.



Technical Data Sheet

Solutions Through Innovative Technology

Removal:

Pro-Tek 3712 can be removed with a solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. Pro-Tek 3712 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 3712 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 3712 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 3712. Incorrect thinning will affect film build, dry time and product performance. Precision Fluids recommends that the ambient and product temperature be 50 - 95F (10 - 35C) at time of application. Pro-Tek 3712 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