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Technical Data

NOX-RUST® 7800 LIQUID

Corrosion Preventive Liquid, Lubricating
(Federal Specification VV-L-800 type product)

Nox-Rust 7800 liquid is designed to prevent corrosion on high precision steel equipment, assemblies and parts. It will protect steel for up to 6 months when stored indoors; up to 12 months on properly packaged steel.

Nox-Rust 7800 is also an excellent lubricant. Removal is not required.

It is formulated to fulfill the requirements of Federal Specification VV-L-800, the military requirement for rust prevention. It has lubrication properties to insure easy operation of weapons and equipment at sub-zero temperatures, or for the breaking in, storage and operation of engines.

Conformance to rigid government specifications insures excellent performance and quality in industrial applications.

Nox-Rust 7800 has excellent oxidation resistance and no corrosive effect on non-ferrous metals.

General Uses
Nox-Rust 7800 is a light preservative oil well-suited for precision instruments, firearms, and other close tolerance mechanisms as well as for individual components.

Typical Properties

Application	Flush, dip, spray or brush
Removal	*Petroleum solvents
Coverage	2,000 sq. ft. per gallon (49.1 sq. meters per liter)

Viscosity	SUS @ 100°F.	66-70
	CTS @ -65°F.	60,000
Flash point, min.		225°F (107°C)
Pour point		-70°F. (-56.67°C)
Effect on non-ferrous metals		None
Lbs./Gallon		7.4
Specific gravity		0.889

* Removal is rarely required, except in some instances when metal is to be painted.

Protective Properties (Typical Batch)

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

Surface Preparation
Maximum performance can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Daubert Cromwell recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

Application
Nox-Rust 7800 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 Daubert Cromwell. DO NOT THIN. Incorrect thinning will affect film build, dry time and product performance. Daubert Cromwell recommends that the ambient and product

temperature be 50-95°F (10-35°C) at time of application. Liquid can be spray or dip applied.

Removal
Nox-Rust 7800 can be removed with solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. Remove 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.

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

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 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 Daubert Cromwell's recommended product is required, written authorization must be obtained from Daubert Cromwell.

Rev. 9/01 SD
Rev. 3/25/04 KP; 10/3/11 jeb; 6/16 JEB

The data, statements and recommendations in this product information sheet are based on testing, research and other development work, which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. Physical properties shown above represent typical values and are not intended for use in writing specifications. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and use.

WARRANTY – All products manufactured by us are warranted to be first class material and free from defects in material and workmanship.
Liability under this warranty is limited to the net purchase price of any such products proven defective or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other material and products.

WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY OF ANY OF OUR PRODUCTS FOR ANY PARTICULAR USE, AND WE SHALL NOT BE SUBJECT TO LIABILITY FROM ANY DAMAGES RESULTING FROM THEIR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL.

THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND NO REPRESENTATIVE OF OURS OR ANY OTHER PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS.