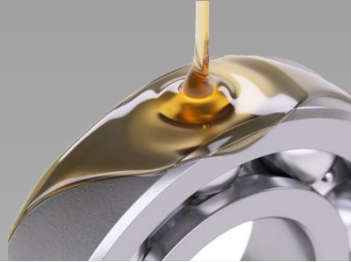


Product Data

Nox-Rust® 7800

Rust Preventive Lubricating Liquid

Description



Nox-Rust 7800 is a light preservative oil 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 for storing and operating engines, firearms and equipment at sub-zero temperatures.

Nox-Rust 7800 is manufactured to rigid government specifications, insuring excellent performance and quality in industrial applications.

Removal is not required.

Features



Proven Daubert Cromwell Corrosion Inhibitor Chemistry

- Prevents corrosion on metal surfaces in both vapor and contact phases.
- Water displacing, low viscosity lubricant and corrosion preventive liquid.
- Protects both ferrous and non-ferrous parts during storage and covered transit at low film thickness.
- No mixing or preparation is required.
- Can be applied by spray, dip or brush. If removal is required, use mineral spirits, hot alkaline wash or high pressure steam.
- Creeps into very tight and hard-to-reach spaces, voids and recesses.
- Remains fluid at -70°F, making it ideal for use as a gun oil for firearms in cold climates.
- Ideal in transit and transportation industries, machined parts and even routine maintenance shop use.

Typical Applications



General Uses

- All-purpose lubricant for temporary corrosion protection, and to keep machines running smoothly.
- Lubricant and corrosion preventive liquid for precision instruments.
- High precision steel equipment, assemblies, parts.
- Close tolerance mechanisms as well as for individual components.
- Steel; metalworking, precision parts – ferrous and non-ferrous.
- Military gun oil for firearms in cold climates

Guidelines for Use

OEM
APPROVED

- **Surface Preparation:** Metal surfaces should be clean, dry and free of rust, oil and mill scale. Metal surface temperatures should be between 50-95°F (10-35°C) at the time of product application.
- **Application:** Nox-Rust 7800 can be applied by spray or dip. Use as supplied, do not thin. Incorrect thinning will affect film build, dry time and product performance.

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.

Recommended ambient and product temperature is 50-95°F (10-35°C).

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Technical Data

Nox-Rust® 7800

Rust Preventive Lubricating Liquid

Physical Data

Physical Properties

Typical Values

Appearance	Light, oily film
Viscosity SUS @100°F	66-70
CTS @-65°F	60,000
Pour Point °F/°C	-70°F/-56.67°C
Film Thickness @ 77°F/25°C (mils)	<1
Specific Gravity	0.889
Lbs.Gallon	7.4
Coverage sq.ft/gal (m²/liter)	2,000 sq. ft. per gallon (49.1 sq. meters per liter)
Volatile (wt%)	25.5
Flash Point °F/°C	275°F/135°C (min.)
Application	Flush, dip, spray or brush
Removal	Petroleum Solvents

Protective Properties

Inside, not packaged	5-6 months
Inside, packaged	6-12 months
Accelerated Test, 100% RH @ 120°F/49°C	200 hours

Approvals

Federal Specification VV-L-800 type product
CAT 1E4970
CAT 1E4971

Storage

Store sealed, in a dry location, out of direct sunlight in temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

Shelf Life

12 months from date of shipping, stored in the original shipping container used by Daubert Cromwell and not in high humidity and not at high temperatures, or stored outside. Store unused VCI liquid in a cool, dry place, away from direct sunlight. Storage outside these conditions voids this statement.

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.

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.

Removal

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

WARRANTY The data, statements and recommendations in this product specification 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. 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.

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