

**PRODUCT  
 INFORMATION**

**NOX-RUST® X-703D**

**Description**

NOX-RUST® X-703D is an emulsified rust preventive oil intended to be used as supplied. This product is intended for use in retarding corrosion during shipment and storage of machined parts, tools, phosphate treated steel, finished assemblies, etc. NOX-

RUST® X-703D is versatile for many in-plant applications. NOX-RUST® X-703D can be used where safety regulations prohibit the use of volatile solvents.

**Physical Properties**

**Typical Values**

Appearance	Light tan, opaque, creamy emulsion.
Application	Dipping, spraying, or flow coating, either concentrated or diluted
pH	7.2 ± 0.5
Removal	Petroleum solvents, alkaline cleaners, steam.
Film Type	Light oily, transparent
Specific Gravity @ 60 °F.	0.98
Pounds/Gallon @ 60 °F.	8.2
Flash Point (°F.) (COC)	Not Applicable (Water Based Fluid)

**Protective Properties (Typical Values, Not Specifications)**

	Polished Panels	Sandblasted Panels	Phosphated Panels
Humidity Cabinet (ASTM D-1748)	250+ hrs	250+ hrs	250+ hrs
Salt Spray (ASTM B-117)	24 hrs	24 hrs	677 hrs

## Surface Preparation

The maximum performance of NOX-RUST® X-703-D can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Daubert Chemical Company recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

## Application

NOX-RUST® X-703-D 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 Chemical Company. DO NOT THIN NOX-RUST® X-703-D. Incorrect thinning will affect film build, dry time and product performance. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. NOX-RUST® X-703-D can be spray or dip applied. DO NOT FREEZE NOX-RUST® X-703-D.

## Removal

NOX-RUST® X-703-D can be removed with mineral spirits, vapor degreasing, hot alkaline

wash, or low-pressure steam. NOX-RUST® X-703-D 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.

## Storage

Store NOX-RUST® X-703-D at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

## 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 Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.

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REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

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CHEMICAL COMPANY, INC.

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