

Nox-Rust[®] 7300 (T275) (Fingerprint suppressing oil)

Nox-Rust 7300 is a water displacing, solvent cutback corrosion preventive compound, lubricant, and penetrant. The film is an ultralight, transparent oil that has fingerprint suppressor and removal capabilities. It provides protection for industrial parts and transportation components. Nox-Rust 7300 is manufactured to the specifications of MIL-C-15074E.

Laboratory Data

Flash, PMCC*, Minimum
Density, Weight/Gallon @ 77°F (25°C)
Specific Gravity @ 60°F (15.6°C)
Recommended Dry Film Thickness over Metal Profile
Theoretical Coverage @ Recommended DFT
Non-Volatile % by Weight
Non-Volatile % by Volume
Volatile Organic Content (VOC), Maximum
Cure Time
Fingerprint Removal per MIL-C-15074E

Typical Properties

142°F
7.18 ± 0.1 lbs./gallon
0.86
0.20 mils
2,566 sq. ft./gallon
37 ± 2
32 ± 1
4.75 lbs./gallon
2 - 3 hours
Pass

Accelerated Corrosion Tests:

5% Salt Spray (Hours)

ASTM** B-117 @ Recommended DFT
(2x4x1/8 in. Polished Steel Panels) 24

100% Relative Humidity (Hours)

ASTM D-1748 @ Recommended DFT
(2x4x1/8 in. Polished Steel Panels) 4224

*PMCC (Penske Martin Closed Cup)

**ASTM (American Society for Testing and Materials)

Surface Preparation

The maximum performance of Nox-Rust 7300 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

Apply by either spray or dip. Ensure uniform consistency prior to use. Daubert Cromwell recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. 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 Nox-Rust 7300. Incorrect thinning will affect film build, dry time and product performance.

Removal

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

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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.

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