

Product Data

Nox-Rust® 7100

Rust Preventive Oil with Petroleum Additives

Description

Nox-Rust 7100 is a short-term, general use, water-displacing corrosion preventive intended for use indoors. It will also protect interiors of machines stored under cover. Nox-Rust 7100 will not clog dies of stamping machines, and will not emulsify in the presence of alkali. It will quickly separate alkaline water displaced from metal surfaces. This non-emulsifiable rust preventive and water displacer leaves a protective film which is non-staining and almost non-apparent, except for the sparkling luster it provides to treated parts.

Features



Proven Daubert Cromwell corrosion inhibitor chemistry

- Proven to protect steel surfaces in severe environmental conditions
- Metal protection: 3-6 months indoors, multi-metal protection
- Resistant to high humidity; leaves a lustrous sheen on machined parts or raw castings
- OEM approved
- Compatible with Daubert Cromwell corrosion inhibitor papers, films and emitters
- Available in pails, drums, and aerosol cans

Typical Applications



Available in
convenient 11 oz.
aerosol spray

Transport, export, storage of metal products

- Indoor use in stamping operations.
- Springs, stampings, saws, machine tools, engines, compressors, refrigeration and aviation parts, precision tools
- Gear shafts, sockets, hammers, cutting tools, steel plates, taps, drills, bearings, bearing races, knife blades, gear parts, cold rolled steel.

Performance Protective Properties

Accelerated Tests

- **Humidity Cabinet Test**
Nox-Rust 7100 will protect steel exposed to 100% humidity at 120°F for a minimum of 30 days.
- **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 parts in a dip tank provided with a bottom drain for separation of the displaced liquids.

How to Use

- Metal surface should be clean, dry and free of rust, oil and mill scale. Recommended metal substrate temperature is 50-95°F (10-35°C) at time of application. Can be spray or dip applied.

Removal

Not necessary to remove in most cases. However, Nox-Rust 7100 can be removed with solvent-borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam.

**DAUBERT
CROMWELL**

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Technical Data

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Physical Data

Physical Properties

Typical Values

Color	Amber
Application	Cold dip, spray, or brush
Coverage	2,000 ft ² /gal (73 m ² /l)
Removal:	Not required
Film Type	Light, transparent, almost non-discernible
Specific Gravity @ 77°F (25°C)	0.890
Weight per Gallon	6.65 lbs.
Flash Point (COC)	100°F minimum
Viscosity SUS @100°F	100
Film Thickness (mils)	0.5

Length of Protection

Outdoor Storage	Not recommended
Outdoor Storage (covered)	Up to 3 months
Inside Storage	6 months to 1 year
Indoor Storage (covered)	Up to 3 years

Storage

Store at 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 product in a cool, dry place, away from direct sunlight. Storage outside these conditions voids this statement.

Approvals

Specifications, OEM Approvals:
CAT 1E4971 and CAT1E4970



Note

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.

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

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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