

Product Data

Nox-Rust® 5200

**Petroleum –Based, Solvent-Type
Cold Applied Rust Preventive**

Description

Nox-Rust 5200 is a soft, greasy film recommended for long-term protection in applications where there is no direct exposure to weather. Nox-Rust 5200 will protect interior and exterior surfaces of machinery, instruments, bearings, or materials with or without supplemental barrier materials. Outdoors, it will protect for limited periods of time in moderate temperatures. Nox-Rust 5200 is completely miscible with lubricating oils, eliminating the need to remove coatings in some applications.

Features



Available in convenient 11
oz. aerosol spray

Proven Daubert Cromwell corrosion inhibitor chemistry

- Long-term protection of metal surfaces in stored indoors
- OEM approved
- Compatible with Daubert Cromwell corrosion inhibitor papers, films and emitters
- Available in 5-gal. pails, 55-gal. drums, and 11 oz. aerosol cans
- Manufactured to Mil-PRF-16173, Grade 2, Class 1

Typical Applications

Transport, export, storage of metal products

- Long-term protection of metal surfaces in stored indoors
- 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.

Guidelines for Use

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- 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.
- Conventional cleaning procedures or petroleum solvents, alkali or emulsion cleaners.



**DAUBERT
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Technical Data

Nox-Rust® 5200

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Physical Data

Physical Properties	Typical Values
Application	Dipping, spraying or brushing down to +40°F
Removal:	Conventional cleaning procedures or petroleum solvents, alkali or emulsion cleaners.
Film Type	Brown colored, grease-like film
Specific Gravity @ 72°F (22°C)	0.86
Weight per Gallon	7.2 lbs
Flash Point (COC)	105°F minimum
Film Thickness	0.6 mils
Setting Time	30-45 minutes
Volatile Organic Compounds (lbs/gal)	3.2 max
Length of Protection	
Indoor Storage	5 years
Outdoor Storage (covered)	1 year (min)
5% Salt Spray (ASTM-B-117)	7 days
Humidity Cabinet (ASTM-D-1748)	30 days

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

Manufactured to Mil-PRF-16173, Grade 2, Class 1

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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