

Distributed by: KPR ADCOR INC.  
"We Stop Rust!" TM  
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## DAUBERT VCI® NOX-RUST® LIQUID 5400

(Oil With Petroleum Additives)

Daubert VCI Nox-Rust 5400 liquid is a petroleum-based sheet metal processing lubricant and preservative for:

1. Use on coiled stock as a combination corrosion preventive and pre-lube.
2. Use in blankers (auto-shear) as a wash which leaves behind a lubricant and corrosion preventive film.
3. Use as a corrosion preventive spray on steel and steel parts.

Nox-Rust 5400 is approved as a preservative and lubricant on sheet and coiled steel for both Ford and General Motors, as it is non-interfering with body and assembly sealers, adhesives, and cleaning systems.

### Physical Properties (Typical Values)

Film Character:	Oily, non-drying
Flash Point (COC):	250°F minimum
Application:	Spray, dip, brush, or roller coat
Viscosity SUS @ 100°F:	81
Lbs/Gal:	7.4
Specific Gravity:	0.890
Removal:	Easily removed with conventional cleaning methods
Pour Point:	Less than 15°F

### Lubrication

Customer experience has rated Nox-Rust 5400 "excellent" to "very good" when used as a lubricant forming exterior body parts, on light to moderate on specific requirements; yet it has been found that a .4 mil application thickness will provide maximum corrosion protection and lubrication with no problems of dripping.

### Performance and Protective Properties

Acid Atmosphere Test: Material will protect cold rolled steel from stain or corrosion for a minimum of 16 hours exposure to a 25 ppm HCl atmosphere. Test method--Ford Motor Company BJ7-6.

Condensing Humidity Test Material will protect cold rolled steel from corrosion for a minimum of 72 hours exposure in the Cleveland Condensing Cabinet. Test Method: Ford Motor Co. BJ7-7.

### Humidity Cabinet (100°F/100% RH) on:

Cold Rolled Body Steel, 500 hrs., no stain or corrosion  
One Side Zincrometal, 500 hrs., no stain or corrosion  
Galvanized, Two Side, 500 hrs., no stain or corrosion  
Galvanized, One Side, 500 hrs., no stain or corrosion

### Stack Tests:

Cold Rolled Body Steel, 500 hrs, no stain or corrosion  
Galvanized Two Side, 500 hrs., no stain or corrosion  
Zincrometal, 500 hrs, no deterioration of zincrometal

Procedure: Zincrometal unpolished cold rolled steel and galvanized panels are coated with Nox-Rust 5400 to a coating thickness of 0.5 mil. Panels are then stacked and clamped to form a tight bundle. Bundles are then exposed to 100% relative humidity at 100° F. for 500 hours.

Atmospheric Testing: Cold rolled steel panels, coated to a 0.5 mil film thickness with Nox-Rust 5400, hung in an industrial warehouse environment, showed no signs of corrosion, stain or varnish after 9 months. Experience in several stamping plants, using Nox-Rust 5400 as a forming lubricant, has shown that only the residual Nox-Rust 5400 protected formed parts for more than 3 months under high humidity storage conditions, without any signs of rust, stain, or varnishing.

Removability and Compatibility with Phosphating Systems: Material is easily removed during phosphate wash operations and has no adverse effect on subsequent priming, painting or welding operations.

### Automotive Specifications:

Approved, Gen. Motors 998-1833; Ford Motor Co. M4B90A.

**NOX-RUST® 5400**

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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