

GENERAL INDUSTRIAL

	Flash, PMCC* Minimum	Density, Weight/Gallon @77° F	Volatile Organic Content	Accelerated Corrosion Tests
NOX-RUST® R 576-055 Water-based engine coating that protects unfinished metal and industrial finishes against damaging effects of acid and solid particle fallout during transit and storage. Approved to GM 998-4190.	N/A	8.5	1.0 lbs/gal	240 Hours Salt Fog B117
NOX-RUST® 530 Blend of petroleum oil and polar ingredients formulated to provide corrosion protection for coiled or stacked steel.	225°F	7.4	1.5 lbs/gal	500 Hours Humidity
NOX-RUST® 707 Water-soluble corrosion inhibitor concentrate for use as a cleaning agent in coiled steel and coated steel products (such as one-and two-sided galvanized). Product is diluted with water to achieve desired level of protection.	212°F	8.3	0.6 lbs/gal	250 Hours Humidity
NOX-RUST® 5182 Water-based corrosion preventative compound which dries to a wax-like film. Designed for long term protection of parts and equipment.	212°F	8.2	0.3 lbs/gal	1000 Hours Humidity
NOX-RUST® VCI 10 Corrosion-inhibitive lubricating oil for preservation of ferrous metal parts in enclosed systems. A volatile corrosion inhibitor for use in closed systems like fuel tanks, transmissions and hydraulic systems.	300°F	7.8	2.4 lbs/gal	300 Hours Humidity
NOX-RUST® X-110 Wax-based, cold-applied corrosion preventative for use with ferrous and non-ferrous metals exposed to indoor or outdoor storage. Excellent for long-term outdoor uncovered protection of metal parts.	105°F	7.2	3.6 lbs/gal	1500 Hours Salt Fog B117
NOX-RUST® X-111 Soft waxy film that provides high humidity protection of steel parts and equipment during storage. Also provides protection in acidic environments.	170°F	7.1	3.9 lbs/gal	1000 Hours Humidity
NOX-RUST® X-111B Soft waxy film that provides non-staining, water-displacing and high humidity protection of steel parts and equipment during storage. Also provides protection in acidic environments.	175°F	6.8	4.9 lbs/gal	1000 Hours Humidity

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NOX-RUST® X-210 Water displacing, oily film. Used for short-term indoor protection of machine components, including springs, saws, machine tools, engines, compressors, refrigeration and aviation parts, bearings, gear parts and many other applications.	105°F	6.7	6.0 lbs/gal	720 Hours Humidity
NOX-RUST® X-224-HF Premium quality solvent cut back oil-type, cold-applied rust preventative designed for extensive indoor protection of metal parts and machinery.	140°F	7.1	4.6 lbs/gal	100 Hours Salt Fog B117
NOX-RUST® X-241-M Petroleum-based sheet metal processing lubricant and preservative for use on coiled stock as a combination rust preventative and pre-lube. Light oily film.	250°F	7.4	1.9 lbs/gal	500 Hours Humidity
NOX-RUST® X-285 Applied to steel, it provides up to six months of inside protection against rust and as much as 12 months protection when packaged. Also an excellent lubricant.	225°F	7.4	3.0 lbs/gal	120 Hours Humidity
NOX-RUST® X-298 Applicable to most plant and inter-plant operations, and used for the protection of interiors of machines under cover. Also won't clog dies of stamping machines.	175°F	6.8	5.5 lbs/gal	720 Hours Humidity
NOX-RUST® X-703 Rust preventative oil concentrate for retarding corrosion during shipment and storage of machined parts, tools, phosphate-treated steel, finished assemblies, etc. Can be diluted with water or petroleum solvent. When diluted with water, can be used as a final rinse.	225°F	7.9	1.3 lbs/gal	168 Hours Salt Fog Undiluted
NOX-RUST® X-703D Pre-reduced emulsified rust preventative oil with versatility for many in-plant applications. Used for retarding corrosion during shipment and storage of machined parts, tools, phosphate-treated steel, finished assemblies, etc.	N/A	8.2	0.22 lbs/gal	24 Hours Salt Fog B117
SAFECOTE® (Various Grades) Blend of inhibitors, emulsifiers and surfactants which deposits a soft, greasy film from a water emulsion system. Available as a clear or amber-colored coating for excellent high humidity and salt spray protection.	N/A	8.0	0.4 lbs/gal	720 Hours Humidity

MILITARY GOVERNMENT APPROVALS

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MIL PRF-16173E Class I				
NOX-RUST® 501-LS For the protection of metals exposed to outdoor weather conditions; for general-purpose preservation—indoor or outdoor, with or without covered protection; and for domestic and overseas shipment where a “dry-to-touch” film is required. Grade #1.	105°F	7.3	3.7 lbs/gal	1000 Hours Salt Fog B117
NOX-RUST® 502-LS Petroleum-based, solvent cut back, semi-firm film rust preventative. Dry film is soft, amber and transparent. Grade #2.	105°F	7.1	3.9 lbs/gal	168 Hours Salt Fog B117
NOX-RUST® 503-LS Solvent type, cold-applied rust preventative for applications where water or saline solution must be displaced from corrodible surfaces and corrosion prevented. Ideal for protection of interior surfaces of machinery, instruments or material under cover for limited periods. Grade #3.	105°F	7.0	3.5 lbs/gal	720 Hours Humidity
NOX-RUST® X-110 GOV Wax-based, cold-applied corrosion preventative for use with ferrous and non-ferrous metals exposed to indoor or outdoor conditions with or without covered protection. Grade #4.	105°F	7.2	3.6 lbs/gal	1500 Hours Salt Fog
MIL PRF-16173E Class II				
NOX-RUST® 501 For the protection of metals exposed to outdoor weather conditions; for general-purpose preservation—indoor or outdoor, with or without covered protection; and for domestic and overseas shipment where a “dry-to-touch” film is required. Grade #1.	105°F	7.6	2.5 lbs/gal	1000 Hrs SS B117
NOX-RUST® 502 Petroleum-based, solvent cut back, semi-firm film rust preventative. Dry film is soft, amber and transparent. Grade #2.	105°F	7.3	2.8 lbs/gal	168 Hours Salt Fog B117
NOX-RUST® 503 Solvent type, cold-applied rust preventative for applications where water or saline solution must be displaced from corrodible surfaces and corrosion prevented. Ideal for protection of interior surfaces of machinery, instruments or material under cover for limited periods. Grade #3.	105°F	7.4	2.8 lbs/gal	720 Hours Humidity
NOX-RUST® 504 Wax-based, solvent type, cold-applied corrosion preventative for ferrous and non-ferrous metals exposed to indoor or outdoor storage conditions. Deposits firm, transparent film readily removable by conventional solvents or degreasing. Grade #4.	105°F	7.4	2.8 lbs/gal	1500 Hours Salt Fog B117

*PMCC: Penske Martin Closed Cup **COC: Cleveland Open Cup

Nox-Rust® is a registered trademark of Daubert Chemical Company

MILITARY GOVERNMENT APPROVALS

	Flash, PMCC*, Minimum	Density, Weight/Gallon @77° F	Volatile Organic Content	Accelerated Corrosion Tests
MIL C11796C				
NOX-RUST® 507 Class I & Class IA Hot applied, firm waxy film, rust preventative for both indoor and outdoor protection of highly machined and polished parts. Offers excellent protection of ferrous or non-ferrous metals in high humidity and salt air environments.	300°F	7.5	0.4 lbs/gal	2000 Hours Salt Fog B117
NOX-RUST® 509 Class 3 Hot applied, soft, lubricating grease ideal for protection of ball and roller bearings. Provides excellent protection under extreme conditions, the coating is non-hardening at low temperatures and stable against oxidation.	300°F	7.5	0.8 lbs/gal	2000 Hours Salt Fog B117
MIL-PRF-46002C				
NOX-RUST® VCI 105 Volatile corrosion-inhibitive oil for preservation of ferrous metal parts in enclosed systems. Also to protect fuel tanks, hydraulic systems, gear boxes or other sealed systems. Meets Mil-PRF-46002C.	250°	7.6	1.1 lbs/gal	100 Hours Humidity
A-A-59295 (MIL-PRF-62218B)				
NOX-RUST® X-128 Wax-based rustproofing compound that provides a long-term protective film for automotive primed or unprimed steel. Dries to a black wax-like film that repels water, self-heals, and remains flexible at low temperatures.	105°F	7.2	3.5 lbs/gal	2000 Hours Salt Fog B117
NOX-RUST® X-128 CLEAR Wax-based rustproofing compound that provides a long-term protective film for automotive primed or unprimed steel. Dries to a tan-colored or clear wax-like film that repels water, self-heals, and remains flexible at low temperatures.	105°F	7.4	3.4 lbs/gal	2000 Hours Salt Fog B117

TRANSPORTATION

	Flash, PMCC* Minimum	Density, Weight/Gallon @77° F	Volatile Organic Content	Accelerated Corrosion Tests
NOX-RUST® 1523 Firm film undercoating material formulated to provide corrosion protection and moisture-sealing properties to the underside of highway trailers, bus bodies and automotive vehicles.	105°F	8.6	3.6 lbs/gal	1000 Hours Salt Fog B117
NOX-RUST® 5187 Water-based corrosion preventative designed for application to automotive underbodies. Compound can be applied using conventional underbody rustproofing equipment, dries to a wax-like film.	N/A	8.5	0.4 lbs/gal	1000 Hours Salt Fog B117
NOX-RUST® 7400 Water-based corrosion preventative hard shell coating designed for automotive underbody and chassis parts. Approved to GM 998-4261 and Daimler Chrysler MS-PF-1-25.	N/A	9.8	0.1 lbs/gal	240 Hours Salt Fog B117
NOX-RUST® AC-524 Firm film undercoating material that provides corrosion protection and moisture-sealing properties to the underside of highway trailers, bus bodies and automotive vehicles. Passes the requirements of Federal Specifications TTC 520B.	105°F	8.9	3.0 lbs/gal	500 Hours Salt Fog B117
NOX-RUST® VCI 10 Volatile corrosion-inhibitive lubricating oil for preservation of ferrous metal parts in enclosed systems. For long-term protection against rust within "closed" systems or voids. A volatile corrosion inhibitor for use in closed systems like fuel tanks, transmissions and hydraulic systems.	300°F	7.8	2.4 lbs/gal	300 Hours Humidity
NOX-RUST® VCI 105 Volatile corrosion-inhibitive lubricating oil for preservation of ferrous metal parts in enclosed systems. A volatile corrosion inhibitor for use in closed systems like fuel tanks, transmissions and hydraulic systems. Meets Mil-PRF-46002C.	250°F	7.6	1.1 lbs/gal	100 Hours Humidity
NOX-RUST® X-120 CLEAR Corrosion preventative undercoating designed for long-term protection of automotive undercarriages. Sprays to a moderate film thickness without dripping; dries to a firm grease-like film that self-heals when damaged.	105°F	7.2	2.9 lbs/gal	1000 Hours Salt Fog B117

TRANSPORTATION

	Flash, PMCC* Minimum	Density, Weight/Gallon @77° F	Volatile Organic Content	Accelerated Corrosion Tests
<p>NOX-RUST® X-121 Wax-gel rustproofing compound that provides a long-term protective film for automotive primed and unprimed steel. Dries to a firm wax-like film that repels water, self-heals, and remains flexible at low temperatures.</p>	105°F	7.4	3.1 lbs/gal	2000 Hours Salt Fog B117
<p>NOX-RUST® X-121 BLACK Wax-gel rustproofing compound that provides a long-term protective film for automotive primed and unprimed steel. Dries to a firm wax-like film that repels water, self-heals, and remains flexible at low temperatures.</p>	105°F	7.1	3.1 lbs/gal	2000 Hours Salt Fog B117
<p>NOX-RUST® X-128 Wax-based rustproofing compound that provides a long-term protective film for automotive primed or unprimed steel. Dries to a tan-colored or clear wax-like film that repels water, self-heals, and remains flexible at low temperatures.</p>	105°F	7.2	3.5 lbs/gal	2000 Hours Salt Fog B117
<p>NOX-RUST® X-128 CLEAR Wax-based rustproofing compound that provides a long-term protective film for automotive primed or unprimed steel. Dries to a tan-colored or clear wax-like film that repels water, self-heals, and remains flexible at low temperatures.</p>	105°F	7.4	3.4 lbs/gal	2000 Hours Salt Fog B117

METALWORKING

	Flash, PMCC* Minimum	Density, Weight/Gallon @77° F	Volatile Organic Content	Accelerated Corrosion Tests
NOX-RUST® 311 HMD Solvent-applied rust preventative designed to deposit a thin waxy film for protection of metal surfaces during transit and storage.	140°F	6.8	5.2 lbs/gal	250 Hours Humidity
NOX-RUST® 530 Strip oil formulated to provide corrosion protection for coiled or stacked steel.	225°F	7.4	1.5 lbs/gal	500 Hours Humidity
NOX-RUST® 707 Water-soluble corrosion inhibitor concentrate for use as a short-term rust preventative. Use at 5 to 20% diluted with water.	N/A	8.5	3.4 lbs/gal	250 Hours Humidity
NOX-RUST® X-241-M Petroleum-based sheet metal strip oil and preservative for use on coiled stock as a combination rust preventative and pre-lube.	250°F	7.4	1.9 lbs/gal	500 Hours Humidity
NOX-RUST® X-703 Rust preventative oil concentrate for retarding corrosion during shipment and storage of machined parts, tools, phosphate-treated steel, finished assemblies, etc. Can be diluted with water or petroleum solvent, to desired level of protection.	225°F	7.9	1.3 lbs/gal	168 Hours Salt Fog B117
NOX-RUST® X-703D Pre-reduced emulsified rust preventative oil with versatility for many in-plant applications. Used for retarding corrosion during shipment and storage of machined parts, tools, phosphate-treated steel, finished assemblies, etc.	N/A	8.2	0.22 lbs/gal	24 Hours Salt Fog B117

STEEL MILL

	Flash, PMCC* Minimum	Density, Weight/Gallon @77° F	Volatile Organic Content	Accelerated Corrosion Tests
NOX-RUST® 110 Wax-based rust preventative designed for long-term protection of spare parts, machinery and equipment. Provides up to 5 years protection.	105°F	7.2	3.6 lbs/gal	1500 Hours Salt Fog B117
NOX-RUST® 530 Blend of petroleum oil and polar ingredients formulated to provide corrosion protection for coiled or stacked steel. Used to protect between laps or sheets.	225°F	7.4	1.5 lbs/gal	500 Hours Humidity
NOX-RUST® X-111 Petroleum-based strip oil for acid fume inhibition in pickling operations. Used as an edge coating for steel coils stored in an acidic environment. Excellent protection against all atmospheric conditions.	170°F	7.1	3.9 lbs/gal	1000 Hours Humidity 3 Days AA***
NOX-RUST® X-111B Petroleum-based strip oil for acid fume inhibition in pickling operations. Used as an edge coating for steel coils stored in an acidic environment. Excellent protection against all atmospheric conditions.	175°F	6.8	4.9 lbs/gal	1000 Hours Humidity 3 Days AA***
NOX-RUST® X-241-M Petroleum-based sheet metal processing lubricant and preservative for use on coiled stock as a combination rust preventative and pre-lube. As a strip oil, provides medium protection in acid fume environments.	250°F	7.4	1.9 lbs/gal	500 Hours Humidity 16 Hrs AA***

*PMCC: Penske Martin Closed Cup **COC: Cleveland Open Cup
***Acid Atmosphere test, exposure of 25ppm HCl atmosphere.

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