

NOX-RUST® 509

A soft, lubricating grease which is good for the protection of ball and roller bearings. The coating is non-hardening and will give excellent protection under extreme conditions. It does not become rigid at low temperatures and is stable against oxidation. Rust preventive, soft grease type, hot dip (MIL-C-11796B, Class III type product)

PROTECTIVE QUALITIES (Typical Values)

Open Shed:	Protection for 1 year minimum.
Inside Storage	Up to 5 yrs when properly wrapped.
Corrosion Tests:	Show no evidence of corrosion on steel, magnesium, zinc, cadmium, aluminum and lead after exposure for 14 days @ 180°F. (82°C).
Accelerated Tests	Protects SAE 1020 steel @ 120°F. (49°C) in 100% humidity for one month.

NOX-RUST 509 may be used as a pressure-gun lubricant for bearings of machines in use as well as in storage, and it serves equally well as a rust preventive lubricant for axles, differentials, transmission shackle bolts and other similar parts.

PHYSICAL PROPERTIES (Typical Values)

Application:	Hot dip @ 160-190°F. (71-88°C). Brushable @ 60°F. (16°C) Bearings or other precision parts should be absolutely clean and free from fingerprints.
Removal:	Petroleum solvent, alkali cleaner, vapor degreasing.(Note: Does not need to be removed from bearings or similar parts before installation.)
Coverage:	Approx. 200 sq ft/lb (40.9 sq meters/Kg) at film thickness of .001 inches (0.025mm).
Flash Point:	350°F. (177°C) minimum
Setting Time:	Immediate
Melting Point::	Approx. 160°F. (71°C)
ASTM Penetration:	200-325
Oxidation Stability:	In Norman Hoffman Bomb Test @ 210°F. (99°C) and 100 lbs (45 Kg) oxygen pressure for 100 hrs, with brass accelerator: maximum absorption 10 lbs (4.5 Kg).

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