
NOX-RUST® VCI-105**PRODUCT
INFORMATION****Description**

Nox-Rust® VCI-105 is a volatile corrosion-inhibitive lubricating oil for use in the preservation of ferrous metal parts in enclosed systems.

Having combined the protective properties of a

preservative oil with those of volatile corrosion inhibitors, Nox-Rust® VCI-105 makes possible long term protection of rust within what are termed "closed" systems or voids.

Physical Characteristics**Typical Values, Not Specifications**

Viscosity @ 100° F, SUS	66.0
Pour Point (°F.)	-10
Flash Point (°F.)	240 (min.)
Specific Gravity	0.895
Film Thickness @ 77°F	0.3 mils
Approximate Coverage	5000 sq ft per gallon
Volatile (%)	5
Accelerated Corrosion Test (Humidity JAN-H-792, 100% RH @ 120°F., hours)	300 hrs. min.
Vapor Phase Protection MIL-P-46002A Procedure	Pass

Nox-Rust® VCI-105 is intended for use in the preservation of enclosed systems where the volatile components will provide protection above the oil level. It provides an effective contact preservative oil film.

Typical examples of "closed" systems in which Nox-Rust® VCI-105 is used to protect metal from damaging rust include: Fuel Tanks, Gear Housings, Storage Tanks, Clutch Compartments, Cylinders, Crankcases, Transmissions, Hydraulic and Coolant Circulating Systems, and Metal Containers.

Conventional lubricating or preservative oils slushed or fogged into such systems will drain away from the vertical metal surfaces in about six months, exposing the metal to moisture, condensation and corrosion. While Nox-Rust® VCI-105 also drains away, the vaporizing rust inhibitors evolving from the product spread throughout the void or system and neutralize the corrosion-causing tendency of moisture present in the air. Nox-Rust® VCI-105, being highly fortified with contact inhibitors, also protects the metal below the oil level.

Typical Applications

To prevent rust which will foul a diesel injection system, 1 ounce of Nox-Rust[®] VCI-105 per each 7 1/2 gallons (one cu. ft.) capacity is fogged into the fuel tanks. If tank contains oil or gasoline, 1 ounce of Nox-Rust[®] VCI-105 is added for each gallon present. To protect upper cylinder walls and valves in diesel or gasoline engines, eight ounces of Nox-Rust[®] VCI-105 are introduced throughout the air filter and sucked into the cylinders by turning over the motor with ignition off.

The unusual properties of Nox-Rust[®] VCI-105 can be used to advantage for winter lay-away of farm and road building equipment and for summer storage of school buses, snow plows, etc. It may also be fogged into shipping cases to protect unpainted auto and truck body sections during shipments.

Nox-Rust[®] VCI-105 can be used full strength in ferrous metal systems. Where non-ferrous metals are present, Nox-Rust[®] VCI-105 must be diluted to 2% or less, depending on the metals present.

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