
MOTORSTOR[®] VCI in Aerosol Cans

PRODUCT INFORMATION

MOTORSTOR[®] VCI Aerosol is volatile corrosion-inhibitive lubricating oil for use in the preservation of ferrous and non-ferrous metal parts in enclosed systems. Having combined the protective properties of a preservative oil with those of volatile corrosion

inhibitors, MOTORSTOR[®] VCI Aerosol makes possible long-term protection of rust within what are termed "closed" systems or voids when the equipment is out of service for extended periods of time.

PERFORMANCE PROPERTIES

Accelerated Corrosion Test

(Humidity JAN-H-792, 100% RH@120°F., hours)

300 Hr. Min.

Vapor Phase Protection

Mil-P-46002A Procedure – Pass

Multi-Metal Immersion Testing

No Corrosion

One (1) cubic foot of air space equals 7½ gallons of liquid.

MOTORSTOR[®] VCI Aerosol is intended for use in the preservation of enclosed systems where the volatile components will provide protection above the oil level.

Typical examples of "closed" systems in which MOTORSTOR[®] VCI Aerosol is used to protect metal from damaging rust include: Fuel Tanks, Gear Housings, Storage Tanks, Clutch Compartments, Cylinders, Crankcases, Transmissions, Hydraulic Reservoirs, 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 MOTORSTOR[®] VCI Aerosol 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.

It is not necessary to coat the walls of the enclosure as with a "contact" rust inhibitor. Since the vapors coming from the VCI Liquid impart the rust protection to the exposed surfaces, you only need to spray the proper amount of MOTORSTOR[®] VCI Aerosol into the chamber and seal it. If the reservoir has a vent pipe, it must be plugged to keep the vapors in.

When the equipment is put back in service, no clean out or changing of fluid (gas, oil, etc.) is necessary. Fill all reservoir liquids to their proper operating levels, remove vent pipe plugs, and run the equipment.

TYPICAL APPLICATIONS

Using the extension, spray MOTORSTOR[®] VCI Aerosol into the enclosure.

- To prevent rust, which will foul a diesel injection system, 1 ounce of MOTORSTOR[®] VCI Aerosol (approximately 1 minute of spray time) per each 7 ½ gallons (one cu. ft.) of air space is fogged into the fuel tanks.
- To protect upper cylinder walls and valves in diesel or gasoline engines, MOTORSTOR[®] VCI Aerosol is introduced through the air filter and sucked into the cylinders by turning over the motor with ignition off.
- The unusual properties of MOTORSTOR[®] VCI Aerosol allow it to be used for winter lay-away of farm and road building equipment and for summer storage of school buses, snow plows, etc.

Application

MOTORSTOR® VCI Aerosol is formulated to be used as supplied. Shake prior to use. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application.

Storage

Store MOTORSTOR® VCI Aerosol at temperatures between 50-95°F (10-35°C). Shaking is recommended prior to use.

Caution

Adequate ventilation is required to remove released solvent. THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT, OR TORCHES. Refer to Daubert's Material Safety Data Sheet for additional handling and first aid information.

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