

PRODUCT INFORMATION

MOTORSTOR®

MOTORSTOR® is a 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® 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	70.0
Pour Point (° F.)	-10
Flash Point (° F.)	300 (min.)
Specific Gravity	0.91
Film Thickness @ 77° F.(mils)	N/A
Coverage - sq ft/gal	N/A
Volatile (%)	0.5
Accelerated Corrosion Test (Humidity JAN-H-792, 100% RH @ 120°F., hours)	300 min.
Vapor Phase Protection	Mil-P-4200c - Pass

MOTORSTOR® 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 MOTORSTOR® 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 MOTORSTOR® 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. MOTORSTOR®, being highly fortified with contact inhibitors, also protects the metal below the liquid level.

TYPICAL APPLICATIONS

- To prevent rust, which will foul a diesel injection system, fog 1 ounce of MOTORSTOR® per each 7 1/2 gallons (one cu. ft.) capacity into the fuel tanks. If the tank contains oil or gasoline, an additional ounce of MOTORSTOR® should be added for each gallon present.
- To protect upper cylinder walls and valves in diesel or gasoline engines, MOTORSTOR® is introduced through the air filter and the cylinders by turning over the motor with ignition off.
- The unusual properties of MOTORSTOR® 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 parts during shipments.

Application

MOTORSTOR® 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® at temperatures between 50 - 95° (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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REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

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