

## 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.

April 26, 2011:co

**CAUTION:** The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerable uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

**WARRANTY:** Daubert Chemical Company, Inc. ("Daubert") warrants all products manufactured by it to be free from defects in material and workmanship. DAUBERT MAKES NO OTHER WARRANTIES, WHETHER, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH PRODUCTS, AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND IMPLIED WARRANTIES ARISING FROM A COURSE OF DEALING OR USAGE OF TRADE, ARE DISCLAIMED BY DAUBERT. All claims hereunder must be made in writing within 30 days after receipt of the products at the buyer's plant and prior to further processing the products or combining them with other materials or products. Daubert's liability, whether under this warranty or in contract, tort, negligence or otherwise, is limited to the return of the net purchase price paid for any products proven defective or, at Daubert's option, to the repair or replacement of said products upon their return, transportation prepaid, to Daubert. THE REMEDY HEREBY PROVIDED SHALL BE THE EXCLUSIVE AND SOLE REMEDY OF THE BUYER, AND UNDER NO CIRCUMSTANCES SHALL DAUBERT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES. No Daubert representative or other person is authorized to change this warranty in any way or to assume for Daubert any other liability in connection with the sale or use of its products.

REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

**DAUBERT**  
CHEMICAL COMPANY, INC.

PAGE 2 OF 2

4700 South Central Avenue ■ Chicago, IL 60638 ■ 1-800-688-0459 ■ or 708-496-7350 \* Fax: 708-496-7367

Visit our web site at [www.daubert.com](http://www.daubert.com) ■ Our e-mail is [dauchem@daubert.com](mailto:dauchem@daubert.com)

