



## VAPPRO 869 VCI GREASE

**NATO STOCK NUMBER:**  
9150-32-076-1117

*CONFORMS TO MIL C-83933A*

### DESCRIPTION

VAPPRO 869 is a mixture of vapour corrosion inhibitors, and oil-based carriers. It is formulated to provide superior protection over conventional rust inhibiting oils/coating. VAPPRO 869 concentrate is a grease-like material that is diluted with oil to provide self-healing and lubricating coating. VAPPRO 869 can also be added to lubricating oils to improve corrosion resistance.

### TYPICAL APPLICATIONS

#### MAINTENANCE

- Mothballing refineries, power plants and chemical plants.
- Protection of structures and equipment.
- External surfaces of large machines, pipes, pumps, heat exchangers, etc. during standby, field storage or operation.

#### CONSTRUCTION STEELS FOR FABRICATING, STORAGE, AND IN FIELD USE

- Joints, profiles, casings.
- Steel ropes and aluminum or steel sidings.
- Bridges, structures and concrete reinforcing bars.

#### METALWORKING AND MANUFACTURING

- Protects any metal part, component or assembly between processing or machining steps.
- Excellent for protection of finely machined, honed, or polished surfaces where tight tolerances are important.

### ADVANTAGES

- Tacky film provides good lubrication to moving or sliding parts.
- Universal protection for ferrous and non ferrous metals and alloys.
- Thixotropic and self-healing, thus resistant to sag, run-off and flow.
- The non-corrosive film with high resistivity and insulating properties effectively prevents galvanic corrosion between dissimilar metals.
- VAPPRO 869 provides high levels of corrosion resistance, up to 24 months outdoor protection in corrosive atmosphere.
- Has moisture displacing and penetrating characteristics.
- Little surface preparation needed, as VAPPRO 869 will adhere to pre-rusted areas.
- Excellent U.V. resistance, providing optimal outdoor performance without cracking or chipping of protective film after prolonged exposure to sunlight.
- The product is easily removable with mineral spirits or aliphatic solvents.





## TYPICAL APPLICATIONS

### MARINE AND UTILITIES

- Castings, pumps, valves, and compressors.
- Internal and external surfaces of engines.
- Transmissions, hydraulic pistons, and cylinders.
- Equipment undercoating.
- Bearings, brake drums, engine components.
- Ballast tanks, storage, and process vessels.
- Wire rope, cable, wire, and chains.
- Internal and external surfaces of drill pipe, sucker rods, and other oil country tubular products.
- Frames, cabs, stampings, castings, and plate steel.

### ADDITIVES TO SLUSHING OILS OR LUBRICANTS

- Superior gear, stamping or drawing lubricant.
- May be added to rolling oils for aluminum, cold rolled or hot rolled steels, and galvanized steel for corrosion protection.

## DIRECTIONS FOR USE

- When diluted with mineral oil VAPPRO 869 may be applied by oilers or electrostatic sprayers, as well as by other spray methods.
- Dipping, spraying or brushing is recommended methods of applying.
- Film thickness of 0.5 to 2 mils is recommended for indoor or sheltered protection.
- For use as an additive to R.P. oils, stamping, or drawing lubricants, dilute up to 1:10 by volume.
- VAPPRO 869 can be applied over pre-rusted or oil surfaces. Application does not require heating of inhibitor solution or increased temperatures for drying.

## SPECIFICATIONS

Appearance  
Red Grease

Film Thickness, mils  
2-4

Weight per gallon, lbs  
8.1 lbs/gallon  
0.97 kg/liter

Melting Point(Dropping Point)  
207°C

Specific Gravity  
0.9 ± 0.025

Flash Point(min), °C  
205°C

Drying Time  
Remains Tacky

## AVAILABLE PACKAGING

18 Kg & 180 Kg drum

For more information about the product or any technical support, please contact us or our authorized distributor:



### HEADQUARTERS, SINGAPORE

Magna International Pte Ltd  
10H, Enterprise Road,  
Singapore 629834.  
Tel (65) 6788-1228  
Fax (65) 6785-1497  
Email [info@magnachem.com.sg](mailto:info@magnachem.com.sg)  
Website <http://www.magnachem.com.sg>

### NORTH AMERICA

1450 Government Road West  
Kirkland Lake, Ontario P2N 2E9  
Canada  
Tel 1.416 479 9151  
Fax 1.888 317 1993  
Email [magna@vapro.com](mailto:magna@vapro.com)  
Website: <http://www.vapro.com>



Magna and Vapro are registered trademarks of Magna International Pte Ltd.

Copyright 2007. The details of our products are given completely free of undertaking. Since their application lies outside our control, we cannot accept any liability for the results. User shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.