

## VAPPRO 869

**Function:**  
Vapour Corrosion Inhibitor (VCI)

**Application:**  
Lubrication

**Form:**  
Paste

### DESCRIPTION

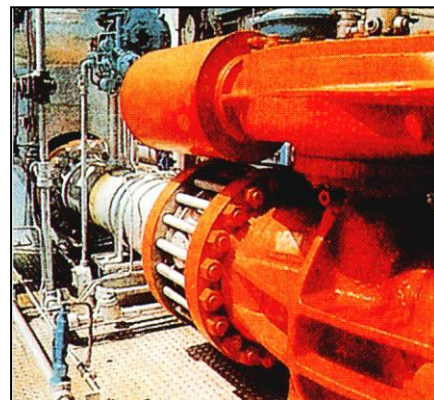


**VAPPRO 869** is a mixture of vapour corrosion inhibitors and oil-based carriers. It is formulated to provide superior protection over conventional rust inhibiting oils and coatings. **VAPPRO 869** concentrate is a grease-like material that is diluted with oil to provide a self-healing lubricating coating.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

**VAPPRO 869 VCI GREASE** bears the **NATO STOCK NUMBER # 9150-32.076.1117**. It conforms to **MIL-C-83933A**.

### FEATURES

- Tacky film provides good lubrication to moving or sliding parts
- Protection for ferrous and non-ferrous metals and alloys
- Thixotropic and self-healing, resistant to sag, run-off and flow
- High resistivity and insulating properties effectively prevent galvanic corrosion between dissimilar metals
- Provides high levels of corrosion resistance with up to 24 months outdoor protection in corrosive atmosphere
- Moisture displacing and penetrating characteristics
- Little surface preparation needed as **VAPPRO 869** will adhere to pre-rusted areas
- Excellent UV resistance that provides optimum outdoor performance without cracking or chipping of the protective film after prolonged exposures to sunlight
- The product can be easily removed with mineral spirits or aliphatic solvents



### APPLICATIONS

#### Maintenance

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

#### Metal Working and Manufacturing

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

**Marine and Utilities**

- Castings, pumps, valves, and compressors
- External and internal surfaces of engines
- Transmissions, hydraulic pistons, and cylinders
- Equipment undercoating
- Bearings, brake drums, and engine components
- Storage and process vessels
- Wire ropes, cables, wires, and chains
- External and internal surfaces of drill pipes, sucker rods, and other 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 and cold rolled steel

PHYSICAL PROPERTIES	
Appearance	Thixotropic Paste
Color	Red or Brown
Flash Point (min)	214°C
Specific Gravity – (15.6°C)	0.96 – 0.98
Weight per Gallon	8.1 lbs.
Film Thickness	2-4 mils
Drying Time	Remains tacky
Melting Point	Non-melting
Boiling Point	N.A.
Work Penetration (ASTM D-217)	325

**DIRECTIONS FOR USE**

**VAPPRO 869** may be applied by oilers or electrostatic sprayers as well as other spray methods:

- Dipping, spraying or brushing are recommended methods of applying
- Film thickness of 0.5 to 2 mils are suggested 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 and oil surfaces

Application does not require heating or increased temperatures for drying

**PACKAGING**

- 20L Pail



Manufacturing Facility  
1450 Government Rd., West  
Kirkland Lake, ON  
P2N 2E9 Canada

Contact Information  
T: 1 (416) 479-9151  
F: 1 (888) 317-1993  
E: magna@vapro.com

Websites  
www.vapro.com  
www.vapro.ca