

# VAPPRO<sup>®</sup>

VAPOUR CORROSION INHIBITOR

**Your Corrosion Solution**

## PRODUCT INFORMATION

### VAPPRO 850 ENGINE GUARD

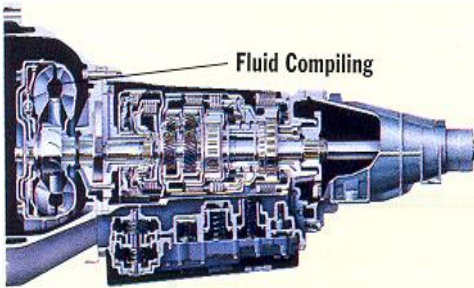
**Function:**  
Vapour Corrosion  
Inhibitor (VCI)

**Application:**  
Oil Additives

**Form:**  
Liquid

#### DESCRIPTION

Almost any type of enclosed lubricating or hydraulic oil system is susceptible to corrosion caused by condensation of humid air. The problem is widespread for machines in transit or used intermittently. During shutdown periods, oil drains from the wetted surfaces exposing them to corrosive agents. To eliminate this major problem, Magna has developed **VAPPRO 850 Engine Guard**, a corrosion inhibiting additive for mineral based lubricating and hydraulic oils.



**VAPPRO 850 Engine Guard** is a vapor corrosion inhibitor concentrate, which offers excellent corrosion protection for the interior surfaces of engines, gearboxes, hydraulic systems and other lubricated equipment. During downtime periods or whilst equipment is being preserved, **VAPPRO 850 Engine Guard's** vapor action will protect areas where the oil has been drained away.

#### APPLICATIONS

- Compressors
- Engines
- Generators
- Gearboxes
- Lube Oil Systems
- Pumps
- Valves

#### HOW VAPPRO 850 ENGINE GUARD WORKS

**VAPPRO 850 Engine Guard** works by continuously releasing a vapor with powerful anti-corrosion properties. On contact with metal, the vapor forms a mono-molecular film on the substrate surface, creating an insulating barrier between the substrate and environment, thus preventing the process of corrosion. The film is self-healing through further release of the vapor.

#### DIRECTIONS FOR USE

**VAPPRO 850 Engine Guard** is a concentrated corrosion inhibitor (oil additive) that can be applied to equipment either in service or in shutdown/preservation situations.

**VAPPRO 850 Engine Guard** should be added to oil pumps or reservoirs at a ratio of 1 part **VAPPRO 850 Engine Guard** to 10 parts lubricating oil by volume.

Once added, the material partially volatilizes over a period of time to protect metallic components at or above the normal oil level. **VAPPRO 850 Engine Guard** may be introduced to the system by adding to the existing lube oil and if correctly diluted with compatible oil, by spraying directly onto components, by fogging into machinery cases with compressed air or by any combination of the above.

In order to retain the VCI vapor over a period of time, all normal machinery case vents, reservoir air pipes, exhausts, breathers and other openings should be sealed.

**VAPPRO 850 Engine Guard** does not alter lubricant properties and does not by its addition necessitate draining renewal of the lubricant/hydraulic oil etc subsequent to operating treated machinery or re-commissioning.

Immediately after treatment the engine/machinery should be operated sufficiently in order to circulate the treated oil. **VAPPRO 850 Engine Guard** can also be used in its concentrated form for the protection of upper cylinders.

## PACKAGING

- 20 Litre container
- 200 Litre drum

## PHYSICAL PROPERTIES

Description	Naphthenic Mineral Oil with Corrosion Inhibitors
Appearance	Golden Oil
Closed Flash Point	170°C
Pour Point	-45°C
Total Acid No (mgKOH.g")	<0.01
Specific Gravity (+-0.02)	0.902
ISO Viscosity Grade	22
Base Oil Viscosity	
Cst @ 40°C	21.5
Cst @ 100°C	3.7
SUS @ 100°F	110
Active Protection Period*	Up to 2 Years
Storage	Cool, dry place at minimum temperature of 10°C
Shelf Life	36 months
Delivery Form	Single container

### North & South America



### Warehouse Address

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