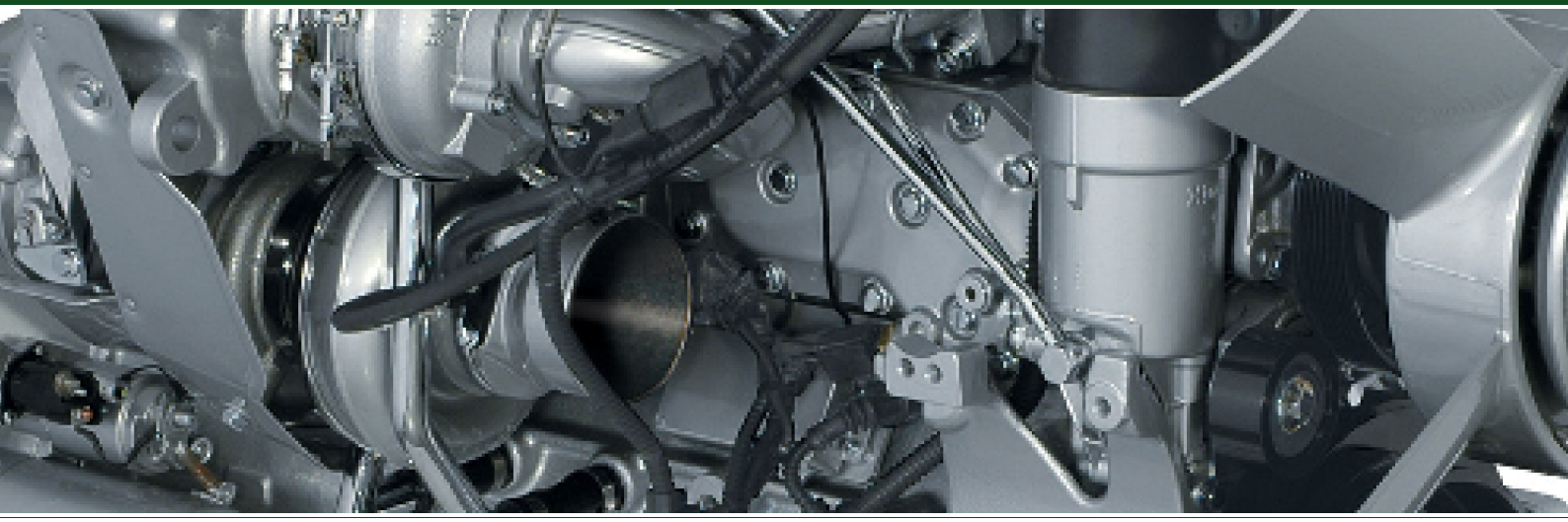


VAPPRO VCI-850 ENGINE GUARD

NATO STOCK NUMBER:
6850-32-076-1100

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 VCI-850 Engine Guard, a corrosion inhibiting additive for mineral based lubricating and hydraulic oils. Vappro VCI-850 Engine Guard is a vapour 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 VCI-850 Engine Guard's vapour action will protect areas where the oil has been drained away.

APPLICATIONS

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

HOW VAPPRO VCI-850 ENGINE GUARD WORKS

Vappro VCI-850 Engine Guard works by continuously releasing a vapour with powerful anti-corrosion properties. On contact with metal, the vapour 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 vapour.

Vappro VCI-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.

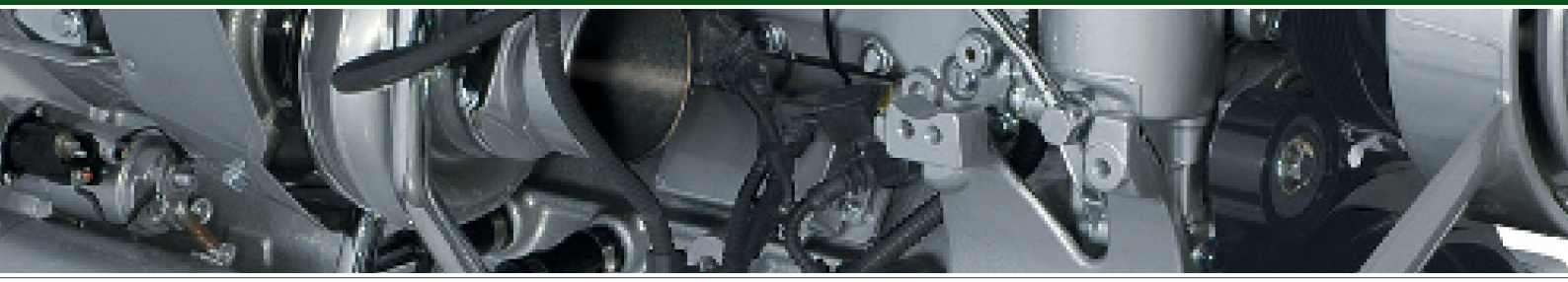
Immediately after treatment the engine/machinery should be operated sufficiently in order to circulate the treated oil. Vappro VCI-850 Engine Guard can also be used in its concentrated form for the protection of upper cylinders.

MIL SPECIFICATIONS CONFORMANCE

CONFORMS TO MIL P-46002B
CONFORMS TO MIL I-85062 (AS)

VAPPRO VCI PRODUCTS

Solving Corrosion Problems with the Environment in Mind



METHOD OF APPLICATION

Vappro VCI-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 VCI-850 Engine Guard should be added to oil sumps or reservoirs at a ratio of 1 part Vappro VCI-850 Engine Guard to 10 parts lubricating oil by volume.

Once added, the material partially volatilises over a period of time to protect metallic components at or above the normal oil level. Vappro VCI-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 vapour over a period of time, all normal machinery case vents, reservoir air pipes, exhausts, breathers and other openings should be sealed.

AVAILABLE PACKAGING

20 Liters & 200 Liters Drum

SPECIFICATIONS

Description
Napthenic Mineral Oil with Corrosion Inhibitors
Appearance
Golden Oil
Flash Point
>220^{O}C (C.O.C.)
Pour Point
-45^{O}C
Total Acid No (mgKOH.g")
<0.01
Specific Gravity
0.885±0.025
ISO Viscosity Grade
22
Base Oil Viscosity Cst @ 40^{O}C
21.5
Cst @ 100^{O}C
3.7
SUS @ 100^{O}F
110
Active Protection Period
Up to 2 Years
Storage
Cool, dry place at minimum temperature of 10^{O}C
Shelf Life
36 months

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