

VAPPRO®

VAPOUR CORROSION INHIBITOR

Your Corrosion Solution

PRODUCT INFORMATION

VAPPRO 871 VCI LUBRICATING OIL

NATO STOCK NUMBER # 6850.32.0777002
MIL-P-46002B

Function:

Vapour Corrosion Inhibitor (VCI)

Application:

Metal Parts

Form:

Aerosol

DESCRIPTION

VAPPRO 871 is a light oil that emits an invisible vapour to protect ferrous and non-ferrous metals from corrosion. It can be used to protect machine tools, weapons, gear assemblies, automotive parts, engines, machinery parts, hand tools, and other metal products subject to rusting or atmospheric corrosion during storage or shipping.



VAPPRO 871 performs effectively under the adverse conditions of 100% relative humidity. It contains no hazardous chromates, nitrites or phosphate inhibitors.

VAPPRO 871 protects in two ways. Firstly, the oil soluble VCI offers a tenacious film which clings to metal surfaces. Secondly, the VCI releases vapour phase inhibitors into the air over the oil. These vapours condense and form a protective invisible barrier on surfaces not contacted by the liquid product. The combined action provides complete protection for internal system parts.



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FEATURES

- Environmentally friendly and biodegradable
- Corrosion protection for ferrous and non-ferrous metals
- Non-toxic, thermally stable, and nitrite free
- Long-lasting contact and vapour phase corrosion protection
- Provides continuous corrosion protection during operation, stand-by and shutdown periods
- Cost effective
- Penetrates grooves, fills etchings, and machining holes for superior protection
- Easy to use and keeps metal parts looking new up to a year with a single spray
- Easily removed by wiping or simple degreasing
- Compatible with all metals including aluminum
- Does not harm rubber seals, gaskets or washers
- May be combined with plastic film, oil-paper wrapping and boxboard

APPLICATIONS

VAPPRO 871 provides effective protection during storage, shipping or stand-by for:

- **Machine tools:** diesel engines, drill presses, mill rolls, lathes, and spare parts
- **Automotive parts:** transmissions, axles and differentials
- **Small tools:** fasteners, fine instruments, nuts, bolts, screws, steel wire, machinist tools, and machine stock
- **Storage Units:** Steel tanks, drums, air tanks, gasoline tanks, fuel oil tanks and barge compartments
- **Metal components:** machine castings, ball and roller bearings, crank shafts, dies and die stock, machineries, compressors, roll calendars, and reduction gears
- **Manufactured products:** fire arms and skates
- **Aircraft and rocketry:** jet engines, hydraulic systems, pneumatic systems, and fuel systems
- **Farm Implements:** hydraulic systems, pneumatic systems and mechanical parts

DIRECTIONS FOR USE

- Spray light coating on flat metal before or after metal working for temporary storage
- Spray on small complex metal parts. The tenacious film will cover and protect interior, hard-to-reach surfaces as small as 1 micron
- Method of packaging to conserve vapour: metal parts may be packaged in sealed plastic bags, aluminum wraps, corrugated boxes, wrapped in oil paper or draped with a plastic shroud or canvas cover

PACKAGING

- Case of 12 x 400g aerosol cans



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