



ECO FRIENDLY
SUSTAINABLE
BIODEGRADABLE



VBCI Series- A class of environmentally friendly corrosion inhibitors for a cleaner, greener, better tomorrow.

Vapro VBCI-871

VBCI Oil

CONFORM TO MIL-PRF-46002A (GRADE 1)

Passed German VIA (Vapour Inhibition Ability) Test TL 8135-002

NATO STOCK NUMBER: 6850-32-077-7002

Description

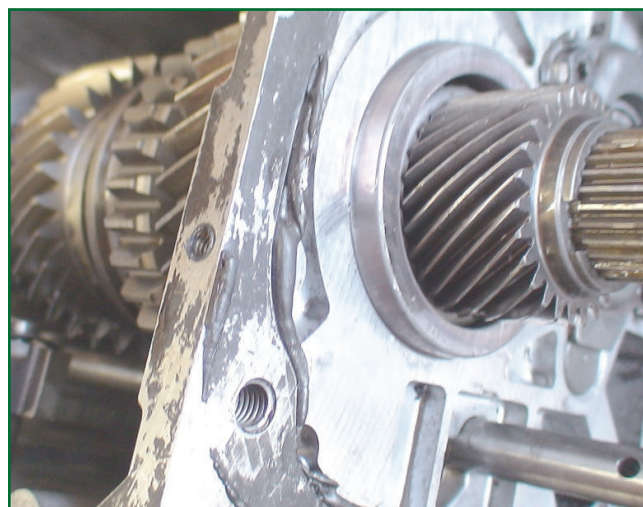
Vapro VBCI-871 is a light oily liquid that gives off an invisible vapour that protects ferrous and non-ferrous metals from rusting or corroding. You can use Vapro VBCI-871 to protect machine tools, weapons, gear assemblies, automotive parts, engines, machinery parts, hand tools, and other metal products subject to rusting or atmospheric corrosion during storage or shipping.

Vapro VBCI-871 protects in two ways: first, oil soluble VBCI offers a tenacious film, which clings to metal surfaces. In addition to this filming barrier, VBCI releases vapor phase inhibitors into the air over the oil. These vapours condense and form a protective vapour barrier on surfaces not contacted by the liquid product. The combined action provides complete protection for internal system parts.

Vapro VBCI-871 performs effectively even under the adverse conditions of 100% Relative Humidity. It contains no hazardous chromates, nitrites or phosphate inhibitors.

Features

- Environmentally friendly.
- Biodegradable.
- Vapro VBCI-871 provides universal corrosion protection for ferrous and nonferrous metals.
- Vapro VBCI-871 is a nitrite free formulation, non-toxic and thermally stable, providing long-lasting contact and vapor phase corrosion protection.
- Provides continuous corrosion protection during operation, standby and shutdown periods.
- Cost-effective: a little Vapro VBCI-871 goes a long way. It is the most practical way to protect internal metal surfaces that cannot be practically protected by any other method. Vapours from Vapro VBCI-871 penetrate grooves, fill etchings, envelop machining holes, protect where no other metal preservative can.



Features

- Easy to use: keeps metal parts and products new for years by single spray. It's the ultimate for long time protection of packaged articles.
- No De-preservation problems: Vapro VBCI-871 is easily removed by wiping or simple degreasing.
- It is compatible with all metals, including aluminum; has no effect on neoprene; may be confined with plastic film, oilpaper wrapping, and boxboard.
- Method of packaging to conserve vapor: Metals 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.



Applications

- Spray light coating on flat metal before or after metal working for temporary storage.
- Spray on small complex metal parts. This tenacious film will cover and protect interior hard to get at surfaces as small as 1 micron. Storage, Shipping, Stand-By.
- Use Vapro VBCI-871 for corrosion protection of Machine Tools: Diesel Engines, Drill Presses, Mill Rolls, Lathes, Spare Parts.
- Automotive Parts, Transmissions, Axles and Differentials, Farm Implements.
- Small Tools, Fasteners, Hardware, Fine Instruments, Nuts, Bolts, Screws, Steel Wire, Machinists Tools, Machine Stock .
- Storage Units, Steel Tanks, Drums, Pneumatic Air Tanks, Gasoline Tanks, Barge Compartments, Fuel Oil Tanks.
- Metal Components, Machined Castings, Ball and Roller Bearings, Crank Shafts, Dies and Die Stock.
- Capital Goods, Hydraulic Machines, Compressors, Roll Calendars, Reduction Gears.
- Manufactured Products, Fire Arms, Skates.
- Aircraft and Rocketry, Jet Engines, Hydraulic Systems, Pneumatic Systems, Fuel Systems.

Specifications

Appearance

Clear Amber liquid

Flash Point

min 105°C

Density @ 15°C

0.775-0.81 g/cm³

Film Thickness(approximate)

2 microns

Film Type

Thin, oily

Kinematic Viscosity @ 40°C

11-16 mm²/cSt

Available Packaging

20 Liters & 400ml Aerosol can

Duration of Protection

Indoors : 12 months

Magna

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