



VAPPRO VCI-886

NON-TOXIC WATER BASED VCI CORROSION INHIBITOR

NATO STOCK NUMBER:

6850-32-087-9984

DESCRIPTION

Vapro VCI-886 is a water based corrosion inhibitor developed as a replacement for all oil based rust preventives. Vapro VCI-886 aqueous solution is heat stable and it can be removed with conventional alkaline cleaners. Vapro VCI-886 can be coated over with paints and primers.

Vapro VCI-886 is a non-toxic V.C.I. water based corrosion inhibitor. Specially developed to replace conventional, toxic and health hazard oil based rust preventive.

Vapro VCI-886 is made from Acrylic Copolymer emulsion with a mixture of non-toxic organic inhibitors. Its formulation offers unprecedented advancement in VCI Technology. It provides up to 24 months of excellent corrosion protection on equipment even in harsh outdoor environments.

Vapro VCI-886 is non-flammable, weldable and it has excellent salt spray resistance. It's a fast drying coating with a clear protective barrier that allows visual inspection of the equipment.

FEATURES

- Water based, safe, non-toxic
- Non-flammable and weldable
- Fast drying and glossy film
- Clear film that gives an attractive appearance to parts
- Heat stable
- Minimal surface preparation
- Can be applied on damp surfaces
- Can be over-coated with most generic topcoats, epoxies, polyurethane and alkyds
- Excellent inter-film adhesion
- Excellent for ferrous and non-ferrous metals
- Eliminates hazardous problems associated with oil-based products
- Unique vapor phase action also protects uncoated and difficult-to-reach areas



A member of





SPECIAL APPLICATIONS

- Castings, forgings, tubular parts, machined and honed metal components.
- Use as a quenching fluid or in dipping applications operating at elevated temperatures.
- Precision machined parts, structural steel, sintered metals, bars and roll stock.

Smaller applications such as water pumps, electric motor housings, exposed shafting, pipe, tubing, engines, castings, forgings, metal enclosures, conduit and housings and many other uses.

METAL PROTECTED

Mild Steel

Copper

Cast Iron, Flake or Ductile

Aluminum Alloys

Zinc

Brass (30% Zn)

Silver

Copper-Nickel Alloys

Stainless Steel

Black And Tin Plate

Aluminized Steel

LEGEND

	EXCELLENT
	GOOD
	ACCEPTANCE
	POOR

PHYSICAL AND CHEMICAL PROPERTIES

Appearance
White, emulsion liquid

Odour
Characteristic

pH @25°C
9 ± 0.5

Boiling Point
ca. 100°C as water

Flash Point
N.A.

Flammability
N.A.

Explosive limit
N.A.

Oxidizing properties
N.A.

Theoretical Coverage Rate
16 m² per litre(25 microns)

Relative density at 20°C
1.04 g/cm³

RECOMMENDED SPRAY GUN

Brand: GRACO

XTR Airless Spray Gun

XTR-5: maximum fluid pressure of 5000 (345 bar, 34.5 MPa)

Magna

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