VAPPRO 844L

SULPHATE-FREE LIQUID V.C.I. CORROSION INHIBITOR AND OXYGEN SCAVENGER

NATO STOCK NUMBER:
PENDING

OVERVIEW

Vappro 844L hailed as a technical breakthrough in corrosion control, it is a revolutionary corrosion inhibitor that inhibits ferrous metals against corrosion in seawater. Vappro 844L protects metals in sea water with salinity up to 35 0/00 and with chloride content up to 19,000 ppm. It eliminates the dependence of using fresh water for hydrotesting of storage tanks and piping systems. Vappro 844L also functions as an oxygen scavenger to reduce corrosion and pitting caused by dissolved oxygen in water. It is a sulphate-free product and effectively controls the propagation of corrosion causing sulphate reducing bacteria(SRB).

Hydrotest can now be carried out safely with sea water onboard ships, rigs, offshore equipment, pipes and storage tanks without experiencing the dire consequences of corrosion. Ballast tanks can now be protected without the need of using oil or solvent. Simply flood the ballast tank with sea water and add 550 to 700ppm of Vappro 844L by weight to the volume of sea water in the ballast tank.

Vappro 844L has found considerable application as a corrosion inhibitor in low concentrations and is effective in protecting ferrous metals against corrosion in sea water. It does not contain chromates or nitrites and is essentially non-toxic.

ADVANTAGES

- Effectively protects ferrous metals against corrosion in sea water with salinity up to 35 0/00 and with chloride up to 19,000 ppm.
- It is a sulphate-free product.
- Free from Nitrites.
- Free from chromates.
- Eliminates the need of using fresh water for hydro testing without experiencing the dire consequences of corrosion.
- Low dosage.
- Essentially non-toxic.
- Economical.
- Does not contain ozone depleting substances.
- No other VCI corrosion inhibitor performs as effectively, reliably and consistently as
- Vappro 844L.

A member of NACE INTERNATIONAL

A member of STLE Society of Tribologists and Lubrication Engineers

A member of THE WORLD CORROSION ORGANIZATION

RoHS Compliant — RoHS COMPLIANT EUROPEAN COMMUNITY DIRECTIVE 2002/95/EC

PROMISING SME500 2012

TOP 100 SINGAPORE EXCELLENCE AWARD 2012 / 2013

VAPPRO VCI PRODUCTS

AREAS OF USE

- Hydroblasting, hydrostatic testing.
- Tanks, casing, pumps, valves.
- Tubulars and piping systems exposed to sea water.
- Ballast tanks.
- Cooling system using sea water.

PROCEDURE FOR INCORPORATING VAPPRO 844L VCI POWDER WITH HYDROTEST WATER

- Calculate the volume of the system to be hydrostatically pressure tested.
- Add Vappro 844L to sea water at a dosage of 550-700ppm by weight depending on the salinity of sea water.
- Agitate the mixture for even dispersion.
- Carry out pressure test.

After 1500 hours
Mild steel immersed in sea water with 700ppm of Vappro 844L.

After 1500 hours
Mild steel immersed in sea water without Vappro 844L.

SPECIFICATIONS

Form
Liquid

Appearance
Amber liquid

Solubility In Water
Yes

pH
8(1% solution)

AVAILABLE PACKAGING

20 liters & 208 liters Drum

For more information about the product or any technical support, please contact us or our authorized distributor:

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