



propatech® vci

To solve problems caused by:



Corrosion



Oxydation

Protection sublimates!

PROPATECH VCI is a product range created and developed day after day in our research laboratories, which are the world's most advanced in the field of metal protection against corrosion.

PROPATECH VCI system is the safest and most convenient method for protecting metal products against damages caused by corrosion, during shipping and storage.

PROPATECH VCI papers, introduced in the early 1980s, have been joined over time by many other products, i.e. polymeric films, diffusers, foams etc., satisfying the ever-changing needs of increasingly demanding customers.

Today **PROPATECH VCI** is the anticorrosion system preferred by a majority of manufacturing industries worldwide.

THE ADVANTAGES OF A HEALTHY AND CLEAN JOB

PROPATECH VCI has been developed to achieve:

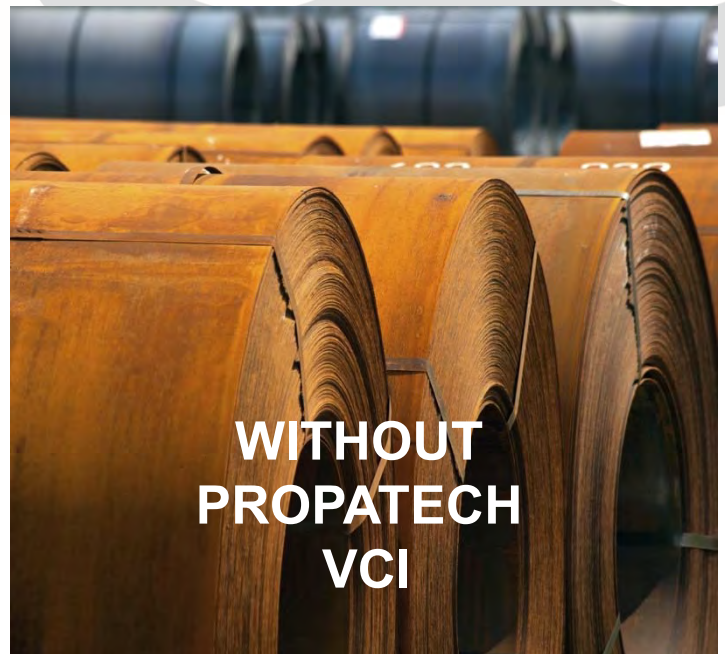
- protection of our customer product quality
- users health protection
- environmental preservation using easily recyclable products

Protection with **PROPATECH VCI** is sure, easy and clean.

Sure because **PROPATECH VCI** does not contain nitrites, secondary amines, aromatic amines, heavy metals.

Easy because it perfectly integrates with any production process.

Clean because it replaces the old methods of oiling and greasing, highly impractical and polluting. With **PROPATECH VCI** your products will be immediately ready to use, clean and perfect, without any need of cleaning them from dirty, polluting oil or grease.



WHAT IS PROPATECH VCI AND HOW DOES IT WORK?

Volatile Corrosion Inhibitor (volatile corrosion inhibitor).

PROPATECH VCI volatile substances avoid corrosion (deterioration process of a metallic piece) caused by oxidation of the surface in contact with the external environment.

STEPS OF VCI ACTION

- **Sublimation:** the transformation from a solid to a gaseous state of VCI molecules starting from the VCI protective material (paper, film, diffusers, foams, etc.)
- **Diffusion:** volatile distribution of VCI molecules into the packaging
- **Adsorption:** VCI molecules depositing on the metallic surface

PROPATECH VCI products, sublimating and diffusing inside the packaging, form a thin, invisible layer neutralizing the potential agents which cause metal corrosion, such as condensation, brackish air, sulfurous gases and the most common industrial and environmental pollutants in the air.

