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Attention: Editor

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PRESS RELEASE

Biobased Rust Preventative for Precision Machined Metallic Surfaces!

VpCI®-325 is a safe, convenient, environmentally friendly and ready-to-use liquid, based on a vegetable derived, biodegradable oil. It is used for general purpose corrosion protection in a wide variety of applications. VpCI®-325 works as an excellent lubricant and performs effectively even under the adverse condition of 100% relative humidity and in the presence of such corrosive elements as chlorides, hydrogen sulfide and other sulfur compounds.



The Croatian Army was looking for solutions to remedy corrosion problems out in the field. These problems were hindering immediate combat readiness. Their tanks were especially affected by the corrosion in several areas throughout the country.

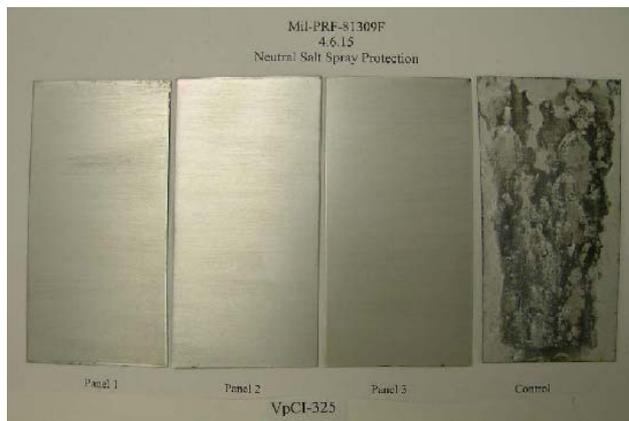
VpCI®-325 was used to protect all shafts bearings, machined surfaces and other unpainted internal surfaces. Cortec® has been used by the Croatian Military for several corrosion solutions with proven success in 9 of the world's 13 climate zones present in Croatia.

Cortec® also supplied step by step application instruction and laboratory technical assistance to the application team which insures proper product application and warranty validation.

VpCI's give militaries world wide effective corrosion protection with immediate combat readiness.

This innovative product forms a film on the metal surface and protects in two ways: first, oil-soluble safe corrosion inhibitors offer a tenacious film which clings to metal surfaces. In addition to this filming barrier, Vapor phase Corrosion Inhibitors are released into the air above the oil. These vapors condense and form a protective barrier on surfaces not contacted by the liquid product. The combined action provides complete protection for internal system parts. VpCI[®]-325 also provides dependable and complete water displacement from the metal surface to prevent corrosion.

Evaluation of VpCI[®]-325 according to MIL-PRF-81309F



VpCI-325 on 7075-T6 Aluminum panels after 336 hours, no corrosion is seen on the panels coated with VpCI-325.



Specimens that were immersed in VpCI-325, after 1 week. All specimens display no corrosion.

VpCI[®]-325 can be used to protect sheet metals, wire, pipes, flanges and other fabricated and/or machined parts, guns and a host of other products. It is excellent for; maintenance, lubrication, temporary storage, small or complex metal parts, home repairs of squeaky items and many more. Rust preventative will provide universal corrosion protection up to 24 months for ferrous metals, galvanized steel, aluminum, brass, copper, babbitt, zinc, cadmium and silver. It loosens frozen and rusted metal parts, making them easy to remove. The product conforms to military specification MIL-C-81309E, NACE Standard 0487-2000 and is RoHS compliant.

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Cortec[®] Corporation is a global leader in innovative, environmentally responsible VpCI[®] and MCI[®] corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec[®] manufactures over 400 products distributed worldwide. ISO 9001 & ISO 14001:2004 Certified.

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