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.

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.

VpCI®-325 can be used to protect sheet metals, wire, pipes, flanges 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 worldwide effective corrosion protection with immediate combat readiness.

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.

For more information write to:
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