



NEWS ALERT

Tips for Bearings Manufacturers: Easy Ways to Prevent Corrosion In-Process!



VpCI® packaging is an easy solution for preventing corrosion on new bearings being shipped off the production site. But what about corrosion risk points right in the manufacturing process? When and how should precautions be taken to protect freshly polished components that may have to wait a few minutes, hours, or even days before moving on to the next stage in the manufacturing process?

Cortec® is here to help you evaluate the work-in-process (WIP) cycle and find practical ways to prevent corrosion on vulnerable bearings components in manufacturing and assembly. Here are some ideas to get started!



- Keep VpCI® papers on hand to wrap or interleave components sitting in boxes or bins waiting for assembly or further work. CorShield® VpCI®-146 Paper, CorShield® VpCI®-146 Creped Paper, or EcoShield® VpCI®-144 Paper (with recyclable moisture barrier) are three great options that are all USDA Certified Biobased Products. These materials offer dry protection using Vapor phase Corrosion Inhibitors that simply evaporate off the bearing when the paper is unwrapped – no extra cleaning or coating removal required!

- Add EcoLine® Cutting Fluid (contains 64% USDA certified biobased content) to rinse water for protection during cleaning operations.

- Apply ready-to-use BioCorr® where a thin film rust preventative is needed. BioCorr® leaves behind a virtually undetectable dry film that is an excellent replacement for thick, messy rust inhibiting oils. It contains 64% USDA certified biobased content.

- Where an oily film rust preventative is desired, replace pure mineral-oil based rust preventatives with those that have biobased content. Some options are VpCI®-325 (partly vegetable-oil based), EcoLine® 3690 (contains 72% USDA certified biobased content), and EcoLine® 3220 (contains 99% USDA certified biobased content).



If you are not sure where to start or have special compatibility requirements you need to check, be sure to contact us for step by step help in implementing your next in-process corrosion solution for bearings: <https://www.cortecvci.com/contact-us/>.

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for the Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001 and ISO 14001 Certified, and ISO 17025 Accredited.

