

**Editorial Contact:** Tomas Gardebring [tomas@blueleopard.net](mailto:tomas@blueleopard.net)  
**Blue Leopard:** (952) 921-4945 Ext 4

**Company Contact:** Matt Munn [matt@CortecVCI.com](mailto:matt@CortecVCI.com)  
**Cortec® Corporation:** (651) 429-1100 Ext 128

**Technical Contact:** Cliff Cracauer [cliff@CortecVCI.com](mailto:cliff@CortecVCI.com)  
**Cortec® Corporation:** (651) 429-1100 Ext 181



## **Attention: Product News Editor**

November 19, 2003  
PRODUCT NEWS RELEASE

### **Engine Lay-up and Protective Storage Stops Rust and Internal Corrosion**

Utilizing a combination of products for the interior and exterior of an engine, Cortec® VpCI® Engine Treatment offers protection from 6 months to 6 years. Compared to older methods, the Cortec® VpCI® costs up to 50% less to put an engine into storage and 50% less to put the engine back into service. The treatment can be used for commercial, industrial, aircraft, and military applications.



**Aircraft engine after 9 years storage.**

Cortec® VpCI® (Vapor phase Corrosion Inhibition) Engine Treatment provides a complete system for protection in just a few steps. 1) clean engine, 2) protect engine interior by pouring in VpCI® concentrate, 3) protect engine exterior by wrapping in VpCI® film and then sealing. The number of steps needed for protection has been cut by more than half and greatly simplified, significantly reducing the opportunity for application error.



**Clean diesel engine containing VpCI® concentrate.**

The Patented, Cortec® VpCI® Technology provides continuous protection to ferrous and non-ferrous metals. Its unique vapor action goes wherever corrosive agents can travel to form a micro-thin film that protects all metal surfaces including cavities, recesses, voids, and open head spaces. The liquid VpCI® concentrate works for the internal surfaces and the VpCI® film works for the external surfaces. When needed, additional VpCI® products are used to protect the electrical, fuel, and cooling system.

Compared to older methods, putting an engine back in service takes fewer steps and moves very quickly. 1) The engine is unwrapped. 2) The engine is now ready to be placed back in service. No cleaning is required thus eliminating expensive degreasing operations and costs. Cortec® VpCI® Engine Treatment provides clean protection. It allows engines to virtually be put back into service immediately saving considerable time and money.



**Diesel engine wrapped in VpCI® film.**

**Photos:** High-resolution photos of engine lay-up with Cortec® VpCI® protective material available for download at: <http://www.blueleopard.net/cortecdownload/engine layup>

**Company Description:** Cortec® Corporation, a pioneer in environmentally friendly packaging, metalworking, cleaning, water treatment and metal protection technologies, is located in White Bear Lake, Minnesota. ISO 9001 and 14001 Certified, they manufacture over 300 products in five plants located in Minnesota and Wisconsin. Cortec is a global supplier of innovative and environmentally friendly specialty chemicals, plastics and coated papers.

**Cortec Website:** [www.CortecVCI.com](http://www.CortecVCI.com) **Phone:** 1-800-426-7832 **FAX:** (651) 429-1122

**- End -**