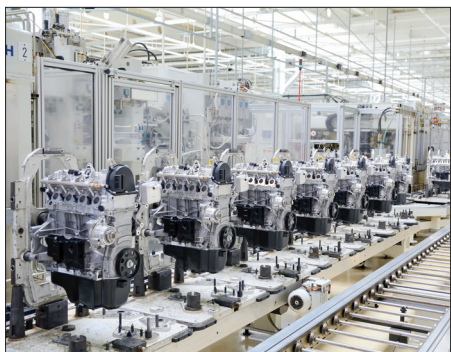




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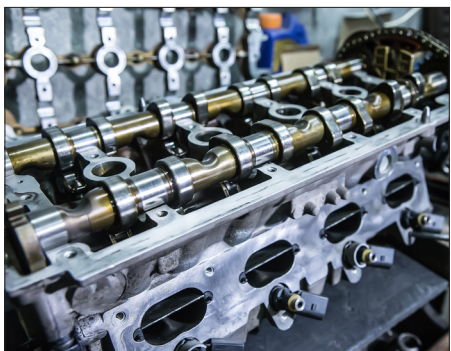
Engine Oil Additive for Corrosion Protection During Testing, Transit, and Storage



Are you an engine manufacturer who needs to inhibit corrosion during testing or shipping? Do you own heavy equipment that needs to idle during the winter months? Is storing critical spare engines an integral part of your backup plan? If the answer to any of these questions is yes, [VpCI®-329](#) may be your path to improved corrosion protection during testing, transit, and storage.

Contact and Vapor Phase Protection

VpCI®-329 offers dual corrosion protection (1) by forming a tenacious film that clings to metal surfaces and (2) by introducing Vapor phase Corrosion Inhibitors that protect in void spaces above the engine oil. This mechanism provides more comprehensive protection than standard inhibitors that only protect in direct contact with the treated oil. As a result, the system does not need to be completely filled with oil to ensure protection. VpCI®-329 can be added directly to oil additives or fogged into other compartments within the engine.



Emergency Replacement for Engine Testing

In 2021, when one company suddenly found themselves without their normal supply of corrosion-inhibiting oil additive for engine testing, they turned to Cortec® for an emergency replacement. Fortunately, the end user had tested the rust preventative properties of VpCI®-329 (a similar product) several years earlier, so it was easy to proceed with viscosity and compatibility testing in order to make an almost seamless transition to VpCI®-329 custom-blended with their engine oil. The prediluted version is now added to engines before testing and is drained out thereafter.

Shipping and Storage

In addition to using VpCI®-329 during the testing phase, engine makers or owners can also add it to their lubricant systems for corrosion protection during shipping or storage. The fact that VpCI®-329 offers corrosion protection in the vapor phase is a great advantage for shipping, because it is undesirable to fill a system completely with hazardous fluids that could jostle around and spill. Instead, VpCI®-329 can be added to a small amount of engine oil and circulated prior to shipping, leaving the lubricant system fully protected. Once in the field, if the engines themselves or the vehicles in which they are installed need to be temporarily idled or stored as critical spares, VpCI®-329 can again be added to the oil system for interim corrosion protection.



Get Started with VpCI®-329

The best dosage and dilution of VpCI®-329 will vary from case to case, so be sure to contact Cortec® to test compatibility and get custom recommendations prior to implementing your next corrosion inhibiting oil additive! Contact Cortec® today: <https://www.cortecvci.com/contact-us/>

Keywords: engine oil, corrosion protection, oil additive, engine testing, corrosion protection during transit, corrosion inhibitors, Cortec, VpCI, critical spares, rust preventative

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.

