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**Attention: Editor**
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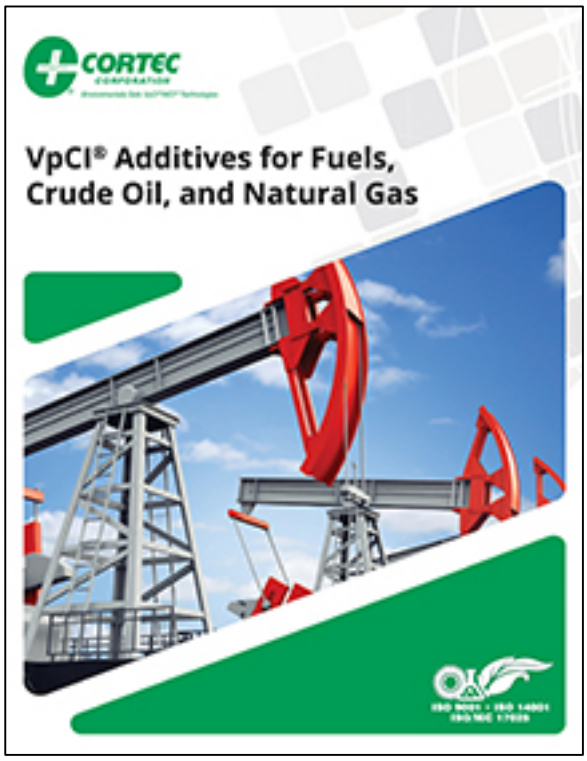
**PRESS RELEASE**

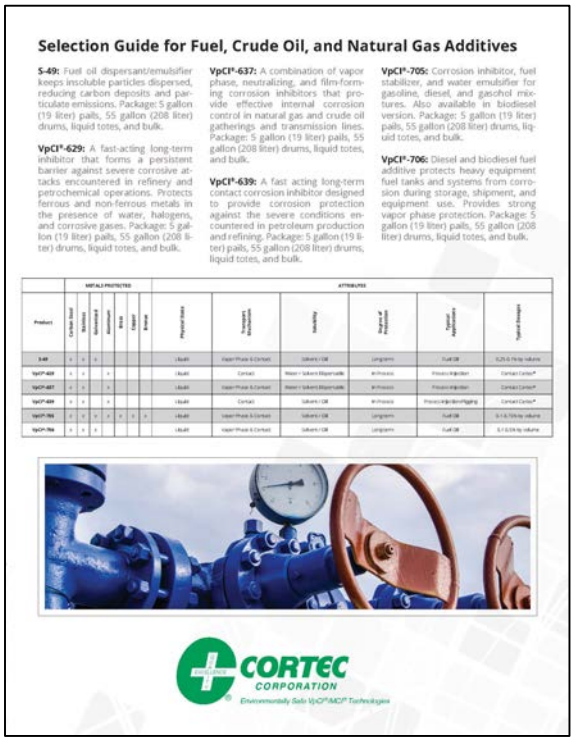
# Cortec® Releases Unique VpCI® Additives Brochure for Fuels, Crude Oil, and Natural Gas!

Cortec® presents unique solutions to oil and gas corrosion in its new brochure, "VpCI® Additives for Fuels, Crude Oil, and Natural Gas." Industries often require the use of large and small fuel storage tanks and systems. However, this raises concerns about fuel separation and corrosion of new equipment fuel tanks during shipping and storage. Natural gas and crude oil gatherings are also understandably at risk for corrosion through the harshness of the elements flowing through them. Cortec's fuel additives can help alleviate these problems with a variety of products to provide corrosion protection and stability.




A selection guide in the new brochure presents six different additives targeted for use with fuel, crude oil, or

natural gas. Each additive is briefly described. Its basic attributes are laid out in a chart to help select the most appropriate additive for the job. Benefits of this VpCI® Fuel Additives portfolio include:




- Reduction of carbon deposits
- Stabilization or dispersion of fuel to maintain good quality
- Vapor phase corrosion protection for tanks containing only an operational amount of fuel

A unique advantage of many Cortec® additives is their vapor phase protection for metals in void spaces above the fuel. When introduced to these areas, VpCI® molecules in the additives vaporize and diffuse throughout the enclosure and adsorb on metal surfaces. An invisible molecular hydrophobic layer protects the metal against corrosive elements such as oxygen, moisture, and chlorides. This is an important advantage over additives that only offer corrosion protection to surfaces in direct contact with the treated fluid.

**VpCI®-706 is excellent for use in diesel fuel tanks.**

Vapor phase protection is especially valuable when fuel runs low in tanks or needs to be kept to a minimum for simpler, more cost-effective storage and shipment. For example, VpCI®-706 is excellent for use in diesel fuel tanks of new heavy equipment being shipped overseas. Extreme fluctuations in humidity put internal tank surfaces at risk for corrosion. A very small dose of VpCI®-706 added to the diesel fuel provides protection for the full internal volume of the carbon steel fuel tank above and below

the surface of the fluid, requiring only a small operational amount of fuel to be left inside. The use of this VpCI® additive makes it much easier and more cost effective to ship heavy equipment without experiencing corrosion inside the newly manufactured fuel tanks.


Other additives are designed for in-process use in actual natural gas and crude oil gatherings and transmission lines, or in petrochemical systems at refineries. In the first case, VpCI®-637 presents a combination of vapor phase, neutralizing, and film-forming corrosion inhibitors that provide effective corrosion control for the pipeline's full internal diameter. The additive, once injected, starts to form a tenacious protective film on the metal surfaces as it flows through the pipeline. Above the surface of the fluid, vapor phase inhibitors reach areas inaccessible to traditional contact-only inhibitors and protect areas subject to varying flow ratios.

In the second case, a fast-acting long-term inhibitor called VpCI®-629 forms a persistent barrier against severe corrosive attacks encountered in refinery and petrochemical operations. The additive can be applied through process injection to protect ferrous and non-ferrous metals in the presence of water, halogens, and corrosive gases.

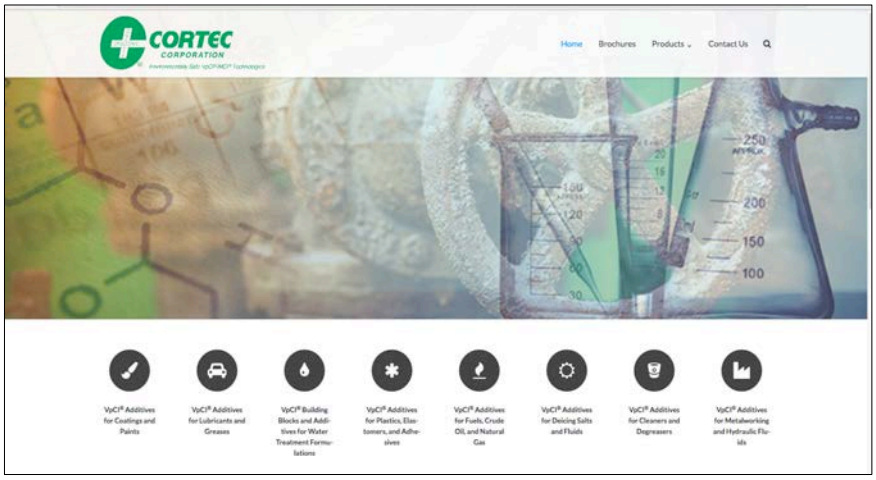
Other additives are available for use in fuel oil storage tanks at a dosage of less than 0.15% by volume, providing an economical and effective way to protect against corrosion, stabilize fuel, disperse or emulsify it, and reduce carbon deposits and particulate emissions.

Whether the need is protection of heavy equipment tanks, large storage tanks, in-process refinery systems, or even pipelines out in the field, "VpCI® Additives for Fuels, Crude Oil, and Natural Gas" is a good resource for those concerned about fuel-related corrosion.

With special characteristics suited to different applications, the powerful advantage of vapor phase protection for pipe or tank void spaces, and the typically small doses required, VpCI® additives are an important solution for effectively protecting against fuel, oil, and gas corrosion.

To read the entire version of this brochure, please visit:
**http://cortecadditives.com/wp-content/uploads/2017/05/VpCI_Additives_Fuels_CrudeOil_Natural-Gas-.pdf**

For more information about Cortec's innovative additives products, please visit:
**http://cortecadditives.com/**

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