

Beli Manastir, January 8th 2015.

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Cortec® – No.1 Solution for Biggest Corrosion Challenges Today!

As shown in NACE Corrosion Press-Multibriefs of 30.12.2014 - top issues facing the corrosion community can be dealt with Cortec®'s highly engineered corrosion protection solutions:



In an effort to reduce pollution, the USA federal government is encouraging the use of ethanol-blended gasoline. The Environmental Protection Agency created regulations that will increase ethanol gasoline production to 36 billion gallons by 2022. However, ethanol is alcohol, which results in corrosion in the fuel system, due to its hygroscopic nature. A fuel system can be efficiently protected from corrosion by using additives for that purpose, but not all additives are created equal, many contain hazardous substances which can only make matters worse.

With environment in mind Cortec® has developed **VpCI®-705 Bio - Powered by Nano VpCI®** - a specially formulated, biobased, biodegradable, multifunctional fuel additive to alcohol fuels, gasoline and other bio-fuels, produced using renewable and sustainable raw materials. It serves as a corrosion inhibitor, fuel stabilizer and water emulsifier. This bio-additive provides premium multiphase corrosion protection, lubricity and elastomer protection to all of the common engineering metals used in automotive fuel system thus allowing better engine performance. It is non-toxic, absorbs water in tank and fuel line and can be fogged into fuel tanks. VpCI®-705 Bio conforms to military specification MIL-I-2501, ASTM D665-92 and NACE RP0487-2000. It is General Motors Corporation Approved Part no10661800 and contains EPA (Environmental Protection Agency) Identification #1733-0002.

Protection of Aboveground storage tanks (ASTs) is another big challenge corrosion community is facing. They can be hazardous if not installed and maintained as required. ASTs are prone to rusting, corrosion and cracking so harmful spills and leakages may occur as a consequence. One of the biggest concerns is groundwater protection because most of ASTs contain petroleum products. When corrosion compromises the exterior structural integrity of the tank, petroleum can contaminate freshwater supplies, which are already dwindling in many areas of the world.

The most important lesson the old techniques of corrosion protection have taught us is that they are temporary. Corrosion might be caught, halted and fixed in above-ground storage tanks, but it will eventually come back. Good protection for today's companies means keeping the tank corrosion-free under the harshest of conditions for decades to come.

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NEWS ALERT



This is why Cortec® Engineering & Field Service (CEFS), developed an engineered system approach - **CorroLogic™**, that is custom engineered to fit and will revolutionize AST's treatment methods around the world. **CorroLogic™ System for Above Ground Storage Tanks** is a system of filling the interstitial spaces of double bottom above ground storage tanks. Growing number of Oil & Gas companies are embracing the CorroLogic™ system approach for their ASTs. Data from the real-time corrosion rate monitoring equipment that is installed in each tank along with the VpCI®, proves excellent, long term effectiveness of this solution!



The European Federation of Corrosion's annual conference, EuroCorr -2014, was held in Pisa, Italy, with main focus on innovations of the future that extend the life of materials and improve current engineering methods. New achievements in corrosion prevention that will have implications for engineers all over the world were presented. The aim was to show what is currently state-of-the art in the field of corrosion prevention. Cortec® was featured as an exhibitor where it demonstrated its impressive latest developments. As stated in NACE Corrosion Press-Multibriefs: „There were plenty of interesting things to be seen in the exhibitor section where Cortec® Corporation presented its new corrosion-prevention adhesives, fluids and coatings.“



EcoCortec®'s Managing Director Ivana Radic Borsic and Dario Dell'Orto, Cortec®'s Vice President of Sales for Europe, South America and Africa at Cortec's booth on EuroCorr.

Finally, we are especially proud that Cortec®'s daughter company, EcoCortec®, has become one of the most successful bioplastics plants in Europe. Demand for its products and services is continuously growing, resulting in plant's expansion. For the following year, EcoCortec® developed new VpCI® masterbatch for Renault, France, one of the biggest names in automobile industry which will further expand the plant's growing opportunities.

Cortec®'s advantages among competition on today's market are huge. Its contemporary solutions of the new millennium are created with the aim of solving the most complex corrosion problems that the industry is facing today, making Cortec® number one choice for any corrosion challenge anywhere in the world.

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