

CORTEC*Vision*

September 2018

Cortec® CEO and Wife Celebrate Ford Milestone





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President of Corrosion Protection Global Leader:
"No Worries That My '73 Mustang Will Ever Get Rusted"

Ford Motor Company celebrated quite the milestone when its world famous car hit eight digits on the production ticker. As of Wednesday, August 8th, a whopping 10 million Mustangs had been built since the car was put on the market in 1964. That officially means that there are more Mustangs in the wild than there are people in Michigan. The Ford Mustang, an iconic American car and a symbol of being "cool" was celebrated for decades in songs and movies. Boris Miksic, CEO of Cortec® Corporation, world leader in green corrosion protection technologies, and his wife Ines, congratulate Ford, being themselves passion-

ate collectors of classic cars, with the Mustang as one of their favorites.

"Our Mustang is [a] classic American car that I found in a garage in Beli Manastir, Croatia where one of my plants is located and had it restored," said this successful Croatian-American entrepreneur. "Coincidentally, it was built the same year that I sold my Citroen 2CV to pay for our voyage via Malnitz in search of the American dream. Good year. Great, fast car."

But there is also the story behind this 1973 Mustang which makes it so special for this married couple. "For my 59th birthday, I was in Croatia at our plant in Beli Manastir, a city on the northern border. Ines, whom I recently met, was not my wife yet at that time. She called me and said she was in Germany. I jumped in my Mustang and drove

Cover Story

Ines's and Boris's Mustang as featured in LeFigaro, a leading French magazine. Boris and Ines are pictured here on vacation in Mali Losinj, Croatia.



full speed all the way to Germany to have a romantic evening with her. Our lucky red Mustang convertible brought us together for the rest of our lives. I can repeat the words of Jim Farley, Ford President of Global Markets, 'Mustang is a smile-maker in any language.'

Ines's and Boris's collection includes a 2017 Corvette Grand Sport convertible, a 1973 Mustang Mach 1 convertible, a 1984 Ferrari, 1959 Rolls-Royce Silver Cloud, 1976 Jaguar V12, and a 2015 Bentley Continental GTC Speed convertible. The Bentley was actually a gift from Boris to his wife.

Another car in the Miksic collection, a 1980 Rolls-Royce Corniche he bought in 1997, also has a unique background. Miksic found out about the car, he says, through his Ferrari mechanic. He mailed a check to the

owner in New York. The owner, it turned out, was financier Bernie Madoff, who went on to orchestrate one of the largest Ponzi schemes ever. This Corniche was produced in the same month as an identical Corniche that was given to Princess Diana by Queen Elizabeth as a wedding gift. The life story of this entrepreneur is a story for a novel itself.

He joined fellow college students in anticommunist protests against Yugoslavia, the ruling republic over the State of Croatia, escaped to freedom in Austria, and came to America with \$37 in his pocket. Today he is running his multinational company. "Life is a bumpy road with ups and downs. My Mustang helped me find my wife and that's where my happiest chapter started."

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Accreditation News

Cortec® Celebrates 20th Year of ISO 14001 Environmental System Compliance

Cortec® Corporation is celebrating its 20th year of compliance with ISO 14001! After a year of updating its Environmental Management System in order to transition to the requirements of the new ISO 14001:2015 version, Cortec® Corporation was found to be in compliance (with no non-conformities) by external accreditation body NQA after a three-day audit of its system at Cortec® World Headquarters earlier this year. Over 20 employees were interviewed during the audit and found to be knowledgeable of environmental aspects and controls in their work areas.



DIN CERTCO Verifies Cortec's Certification to Use "Seedling" Logo on Two Compostable Products

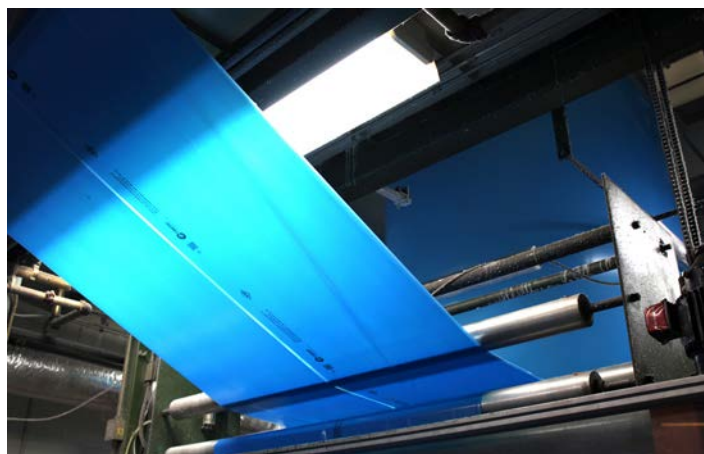
Cortec® Eco Film® and Eco Works® have passed their 2018 annual verification inspection by DIN CERTCO, authorizing them to continue bearing the DIN CERTCO "seedling" logo! This distinguishing mark of compostability around the globe verifies that these two types of film and bags meet requirements for industrial compostability according to European (EN 13432), U.S. (ASTM D 6400), and ISO (ISO 17088) standards.



Expansion News

Business is booming at Cortec® Advanced Films (CAF) in Cambridge, Minnesota—so much so that CAF has upgraded its largest extruder, Line #21, with new state-of-the-art equipment that improves product quality, production efficiency, and worker safety.

To improve the production output of Line #21, CAF upgraded the line in the past year with two new dies and air rings that allow better control of the quality of the finished product. CAF Production Manager, Tim Bliss, commented,



"We don't waste as much film, because the tolerance is much tighter with this new die. . . . If you get something really nice that comes off the die, and it's symmetrical, you reduce all the other problems downstream." The film looks better, feels better, and even winds up more tightly on the roll. The upgrade has also increased output.

The new 40 inch (1 m) die allows CAF to make VpCI® sheeting that is 30 feet (9.1 m) wide when unwrapped. As the film cools, it is mechanically gusseted and folded to condense it down to a 45 inch (1.2 m) wide roll.

Expansion is also underway at EcoCortec® in Beli Manastir, Croatia, with the grand opening of the new production facility scheduled for October 2018 during the Cortec® European Sales Meeting. EcoCortec® has also added Line E4, a state-of-the-art extrusion line to increase production capacity. Some of the new extrusion line features are

- Inline one-color printer
- Film lay-flat width: 400-1000 mm (1.3-3.3 ft.)
- Film thickness: 20-200 microns (0.8-7.9 mils)
- Max extrusion output: 120 kg/hour (265 lbs./hour)

The new line is expected to increase EcoCortec's capacity by 500 tons per year.



Out and About

Cortec®/Energia Demonstrates Hands-On Corrosion Control at Colombian Corrosion Demo Show

The Corrosion Demo Show March 1st-2nd was a rewarding time for Cortec® to join distributor Energia Integral Andina in providing hands-on demonstrations of Cortec's VpCI® Technology in Colombia.

The two-day conference was organized by the Colombia Association of Corrosion Engineers (ACICOR) and NACE International, with the support and participation of CIC (Corrosion Research Corporation) and ICP (Columbia Petroleum Institute). It was held at the Santander Industrial University in Piedecuesta, Santander, Colombia. In addition to technical paper presentations, the event focused on practical hands-on application activities at exhibitor booths located on the university campus.

Dario Dell'Orto (Cortec® VP International Sales) joined William Mejia (Project Development Manager) and Martha Liliana Castiblanco (Sales Coordinator) of Energia Integral Colombia at its booth devoted mainly to rust-removal demos. Visitors to the booth had the chance to apply VpCI®-422 or VpCI®-423 to rusty metal parts (some of which belonged to attendees or other exhibitors), neutralize them with VpCI®-414, and in some cases apply VpCI®-386 clear coat.



Learning Continues at Cortec® University in Snow or Sunshine

Cortec® Corporation held another session of sales training at Cortec® headquarters in Saint Paul, Minnesota, on March 6th-7th. While the Midwest snowstorms impeded some travel, brave Cortec® distributors and employees from around the globe still gathered to learn about VpCI® products and applications to become true Cortec® champions!

This session included many insightful guest speakers. Cortec® Global Services described what it has to offer distributors in terms of hands-on application and monitoring support. Bob Dessauer, Regional Sales Manager for Wis-



consin, Illinois, and Iowa, spoke about practical sales strategies from his experience working with big name equipment manufacturers.

In addition to the labs, speakers, problem-solving, Q&A, training, overviews, sales techniques, and tours of the facility and lab at headquarters, Cortec® offered participants a road trip on March 8th to its Cortec® Advanced Films facility in Cambridge, Minnesota. Participants were amazed at the awe-inspiring size and method of film production as they toured the production floor.

Long after the snow had melted, a second Cortec® University session was held July 24th-26th, with several distributors traveling from as far as Brazil, Mexico, California, and Louisiana. As usual, practical technical training was provided by the Technical Service team, who led participants on a tour of the lab and also guided attendees in hands-on product application problem-solving workshops. Once again, the group also had the opportunity to tour Cortec's manufacturing facilities at both CHQ and Cortec® Advanced Films (CAF).



To find out more about the next Cortec® University November 27th-29th at Cortec® World Headquarters in Saint Paul, Minnesota, please contact Lara Nichols at Lnichols@cortecvci.com.

Out and About

European Distributor Training

Training also took place across the Atlantic Ocean as Cortec® distributors from in and around Europe gathered in Split, Croatia, March 14th-15th for an informative and enjoyable distributor training session in the beautiful Dalmatia Riviera region around CorteCros®! Training sessions took place at the five-star Park Hotel and the CorteCros® warehouse, which now serves as Cortec's European logistics center.

During the two-day training, Dijana Zrinski (EcoCortec® General Manager) spoke about new services and capabilities at the EcoCortec® plant, Ivan Rogan (General Manager, CorteCros®) shared about CorteCros® activities in the military and oil and gas sectors, and Ivana Radic Borsic discussed current European corrosion control projects and shared VpCI® Technology insights. Attendees were instructed on a full range of coatings, packaging, military, surface prep, and water-treatment products. There were also many interesting discussions as distributors asked questions and shared from experiences with their own on-going projects and case histories. The second day featured a tour of the CorteCros® facility and warehouse, followed by a hands-on shrink-wrapping and fogging workshop, which proved to be a highlight!



Out and About

Cortec® Swiss Distributor Emphasizes VpCI® Technology at EMPACK 2018

VpCI® Technology was well-represented at EMPACK 2018 by Cortec's official Swiss distributor, Corpac AG. In its 12th edition last April, EMPACK 2018 has become an important national event for the Swiss packaging industry, gathering together suppliers of packaging technologies for many different sectors including food, clothing, engineering, chemicals, and transportation. Corpac was present among these exhibitors to share the important packaging aspect of protecting metals from corrosion, focusing on VpCI® Technology solutions at its well-designed booth and in the exhibitor catalog.

Cortec® Additives Make an Impression at American Coatings Show

Cortec® VpCI® Additives for paints and coatings were a winner at the 2018 American Coatings Show (ACS), held every other year to keep coatings professionals posted on the latest coatings innovations. The three day event, April 10th-12th in Indianapolis, Indiana, was an exciting time for Cortec® to showcase its M-series corrosion inhibitor additive technologies for paint and coatings manufacturers to incorporate into their own formulations.

Markus Bieber, Cortec® Director of Sales – High Performance Coatings and Additives, explained that attendees were excited about VpCI® additives as a new technology to replace traditional corrosion inhibitors such as zincs and chromates. Cortec® distributes these specialized additives through regionally exclusive agreements with significant companies such as EMCO (distributing to the Midwestern U.S. and East Coast) and Majemac Enterprises (distributing to the Southeastern U.S. CASE market), who also exhibited at the show.



Cortec® has also signed several new exclusive additives distribution agreements this year with other specialty chemical distributors across the Western Hemisphere. [TAINO](#) International will distribute Cortec's additives across Mexico and Central and South America; [A. S. Paterson Company](#) has signed an exclusive agreement for distribution of Cortec's additives across Canada; and [TRiiSO](#) has signed an exclusive distribution agreement covering the western half of the U.S. The companies noted that Cortec® additives are a good fit and will support their efforts as they actively work with paint and coatings companies to improve their formulations and solve their problems. Cortec's additives help eliminate corrosion caused by corrosive fluids, chlorides, and humid environments.

Cortec® Well-Received at NACE CORROSION 2018

Cortec® was well-received as usual by attendees of NACE CORROSION 2018, the largest annual gathering of corrosion professionals from around the world. This year's convention (April 15th-19th in Phoenix, Arizona) provided Cortec® with quality time to sit down and answer technical questions or discuss other business with distribution partners traveling from as far as Europe, Australia, India, and the Middle East. Although already well-recognized at NACE, Cortec® also had the opportunity to network with a number of people new to the field of VpCI® Technology.

Continuing the tradition of previous years, Cortec® and its technology played a significant role in the technical program of CORROSION 2018, with half a dozen papers presented on subjects related to VpCI® or MCI® Technology. These papers included:

- "Removable Coatings for up to One Year Service Life in the Oil and Gas Market," by Markus Bieber, Director of Sales – High Performance Coatings and Additives
- Migrating Corrosion Inhibitors to Protect Reinforced Concrete Structures," by Dr. Behzad Bavarian of California State University, Northridge, et al.
- "Amine-Based Vapor Phase Corrosion Inhibitor Alternatives to Hydrazine for Steam-Generating Systems and Power Plants," by Dr. Bavarian, et al.
- "A Study on the Effect of Volatile Corrosion Inhibitors on Impressed Current Cathodic Protection," by Khalil M. Abed (Cortec® Middle East) and Calvin R. Pynn (AEGIS Technical Systems LLC)
- "Successful Implementation of a Corrosion Management Strategy by Online Injection of Vapor Phase Corrosion Inhibitors to Extend Storage Tank Floor Life," by Asad Al Ghafri, et al. (Oman Oil Refineries & Petroleum Industries Company)

Cortec® looks forward to an even better year ahead as it continues to expand its portfolio of corrosion solutions

Out and About

and improve engagement with the corrosion control industry. Mark your calendars now to visit Cortec® at next year's NACE CORROSION 2019, March 24th-28th, in Nashville, Tennessee!

Cortec® VpCI® Technology Gains Exposure at Latin America's Largest Mining Tradeshow

Cortec® Corp. was honored to join Ferrimex and Patiño y Cia at Expomin 2018, the largest mining tradeshow in Latin America. This 15th biennial exhibition took place April 23rd-27th in Santiago, Chile, and will be followed next year by Exponor 2019 in the city of Antofagasta, the capital of the mining region in northern Chile. Taking place in alternating years, these exhibitions rank as two of the three most important mining tradeshows in the world. Cortec® products were displayed in the U.S. Pavilion at the Expomin booth sponsored by Patiño y Cia, strategic partner of Ferrimex, Cortec's distributor in Chile.



With the goal of promoting and expanding the use of Cortec® VpCI® Technology, Dario Dell'Orto, Cortec® VP International Sales; Alexander Stein, Ferrimex Managing Director; Waldo Poblete, Ferrimex Commercial Director; Patricio Patiño and son; and their sales team focused the visitors' attention on practical applications such as equipment wrapped with Cortec® VpCI®-126 HP UV Shrink Film and an electrical cabinet with Cortec® VpCI® emitters installed. The team also performed a practical de-rusting demo with Cortec® VpCI®-422 and displayed panels demonstrating the benefit of CorrVerter® and VpCI® High Performance Coatings.

Cortec® Connects at 2018 Caterpillar Corrosion Engineering and Plating Conference

Cortec® had a great opportunity to present corrosion

solutions to CAT Tier 1 suppliers and 160 direct engineers at the 2018 Caterpillar Corrosion Engineering and Plating Conference. The conference took place May 15th-16th at the Embassy Suites in East Peoria, Illinois, and featured a top-notch team from Cortec®, who gave several technical presentations and hands-on demos.

During the conference, CAT supplied a Cat Skid Steer to use for product demos. Cortec® joined the fun and educational opportunity with a shrink wrapping demo done by Shane Sipma (Global Services), along with other Cortec® demos on VpCI®-372 and CorrProTec™ 372 peelable coating and VpCI®-391 temporary coating application. Back at the booth, Cortec® featured a list of 17 products officially approved for use by Caterpillar, along with a listing of the hundreds of projects to date that Cortec® has worked on with Caterpillar. Overall, the conference was a very positive time for solidifying current relationships and making new contacts for future projects.

Cortec® and Presserv Join Forces at NACE Conference in Genova, Italy

Cortec® and its distributor Presserv hosted a joint booth at the May 27th-29th NACE Conference organized by the Milano Italia Section and the NACE European Area in Genova, Italy. The conference welcomed more than 500 delegates from 40 countries across the world.

Cortec's team was supported by Ugo Spada from Carte Dozio, Cortec's distributor in Italy, and Ivan Stojanovic, PhD, from the Faculty of Mechanical Engineering and Naval Architecture in Zagreb, whose scientific support was invaluable.

During the conference, Ivana presented a research paper entitled "Economic and Environmental Impact of Traditional Rust Preventatives as Compared to Novel Biobased Temporary Coatings." The topic attracted significant attention and was accompanied by a good discussion.



Recent Publications



Several articles on Cortec's VpCI® and MCI® Technology have been published this spring and summer in key industry magazines. They provide instructive reading for those desiring to build their understanding of corrosion protection in the oil and gas, wastewater treatment, and construction industries.

- August *Oil & Gas Engineering*: **“Refinery water treatment extends service life, increases efficiency.”**
- This article discusses a variety of ways to reduce corrosion in the operation of process water equipment at oil and gas refineries. It also offers guidance for preserving assets during layup, as well as reducing wastewater discharge costs by using bioaugmentation (a treatment available through Bionetix® International). Read the full article: <http://bt.e-ditionsbyfry.com/publication/?i=517941#%22issueid%22:517941,%22page%22:20>
- April/May *Pollution Equipment News*: **“Fighting Corrosion in Wastewater Treatment Plants.”** This article offers strategies for fighting corrosion in one of the most corrosive industrial environments there is: the wastewater treatment plant, which faces constant moisture and contaminants such as H₂S. VpCI® Coatings, MCI®, and VpCI® Emitters can all be used to reduce the effects of these corrosive environments. Read the full article: https://www.cortecvci.com/whats_new/announcements/April_May_2018.indd.pdf
- July *Construction Specifier*: **“Parking garages: Enhancing durability with migrating corrosion inhibitors.”** This article talks about the corrosion problems that face parking garages—especially those in wintry climates where deicing salts are used. Different methods of corrosion protection are described, with a focus on how Migrating Corrosion Inhibitors can be used to reduce corrosion rates in new and existing parking garage structures. Read the full article: <https://www.constructionspecifier.com/parking-garages-enhancing-durability-with-migrating-corrosion-inhibitors/>

VpCI® Corrosion Protection for Basic Metals Industries

Cortec® has developed a completely new brochure that doubles as a practical guide to implementing VpCI® protection in industries that deal with basic metals. “VpCI® Corro-

sion Protection for Basic Metals Industries” is a good starting point for anyone looking to solve corrosion problems in industries that need to ensure that basic metal goods arrive at their destination corrosion-free to the customer’s satisfaction. A new product guide in the brochure facilitates the product selection process by organizing VpCI® materials according to type:

- VpCI® Emitters
- VpCI® Rust Preventatives
- VpCI® Metalworking Fluids
- VpCI® Packaging
- VpCI® Cleaners
- VpCI® Rinsing and Blasting Additives
- VpCI® Rust Removers
- VpCI® MRO Products

Read the full brochure: https://www.cortecvci.com/Publications/Brochures/Basic_Metals_Brochure.pdf



Recent Publications

WHITE PAPERS AND REPORTS

The Cortec® Solution for Corrosion Under Insulation

In April, Cortec® presented a new white paper addressing the perennial problem of corrosion under insulation (CUI). CUI can be a troublesome, costly, and even dangerous problem for industries with insulated piping. It often stems from moisture trapped between the insulation and piping. The corrosion can be difficult to detect, possibly resulting in dangerous leaks or explosions costing millions of dollars.

Corrosion Under Insulation – The Cortec® Solution

conditions at 170 °F (77 °C) and 350 °F (177 °C). Results demonstrated that VpCI®-619 could successfully reduce corrosion attack under insulation even in a chronic wet environment. After corrosion testing, chemical analysis of insulated samples exhibited the presence of a protective Mo-rich inhibition compound on pipe surfaces. In a companion test, corrosion rate dropped by a factor of 15 when VpCI®-619 was added to a 200 ppm salt solution during the testing of bare pipe segments at boiling temperature. The report states, "These results showed that an effective protective coating system under the insulation is critical and requires the inclusion of VpCI 619 to prolong the pipe integrity and lower inspection and maintenance cost."®



An example of the deteriorated condition of an existing pipe with CUI.



Pipe protected with VpCI®-619.

The test was performed in two parts. In the portion of the test that involved boiling a steel pipe segment in a 200 ppm chloride solution, one sample included VpCI®-619 and one did not. The corrosion rate of the control pipe (no VpCI®) was ~5.3 mpy, while the corrosion rate of the pipe boiled in the VpCI®-619/chloride solution was 0.36 mpy, 15 times less than the control.

The other part of the test involved insulated piping that was subjected to cyclic corrosion testing for 240 hours. The purpose was to see if VpCI®-619 impregnated into the thermal insulation would protect the pipe. The insulation of the control pipe remained untreated. Both the control and treated sample were injected with a 200 ppm sodium chloride solution every 48 hours, and the samples were inspected every 5 days. After 240 hours, the untreated pipe showed localized corrosion, but the surface of the VpCI®-619 treated pipe remained well-protected. Consistent with inhibitor chemistry, a

The white paper includes findings from Dr. Behzad Bavarian (California State University, Northridge), who tested the capabilities of Cortec® VpCI®-619 to protect against CUI in corrosive conditions at different temperatures with a 200 ppm sodium chloride solution injected every 48 hours. He concluded that his "results showed that an effective protective coating system under the insulation is critical and requires the inclusion of VpCI®-619 to prolong the pipe integrity and lower inspection and maintenance cost."

Read more: https://www.cortecvci.com/whats_new/announcements/CUI-White-Paper.pdf

Cortec's Recyclable Barrier Coated Paper

Another white paper was written by Cortec® Laboratories discussing how to balance the environmental benefits of

recyclable paper packaging materials with the challenge of maintaining their durability in the presence of moisture. Often, moisture durability is achieved by using barrier coatings that unfortunately reduce the suitability of the paper for recycling.

In contrast, Cortec® has developed a line of EcoShield® barrier coated paper products that provide good barrier properties while staying recyclable. These papers were independently tested for comparison to polycoated and waxed papers. The performance of the EcoShield® Super Barrier papers showed a water vapor transport rate (WVTR) that makes them competitive with polycoated papers, especially when considering the recycling advantage. Hence, they provide a balanced solution to the need for both moisture resistance and recyclability.

Read more: https://www.cortecvci.com/whats_new/announcements/Barrier-Products-White-Paper.pdf

New Research Lends Confidence to VCI Protection for Aboveground Storage Tank Bottoms

A new report by the Pipeline Research Council International (PRCI) indicates that Vapor Corrosion Inhibitors (VCIs) can be used to reduce corrosion on the bottom plates of aboveground storage tanks (ASTs) that store petroleum. This is an important research development considering the prominent role corrosion management plays for tank operators. The 250-page study found that VCIs applied at vendor-recommended rates could reduce pitting corrosion and improve overall surface corrosion results. In addition, PRCI stated, "The rigorous data analysis concluded VCI's are clearly compatible with current CP practice." This study paves the way for greater market acceptance of VCIs as a viable supplement and alternative to traditional Cathodic Protection (CP). Additional research is planned for this important need in the AST market.

Read more: https://www.cortecvci.com/whats_new/announcements/PRCI-Report-NA.pdf



Product News

NEW PRODUCTS

Cortec® has officially released a variety of new products in the last sixth months, with a heavy emphasis on building its biobased grease portfolio!

EcoLine® Biobased Grease Powered by Nano VpCI® is formulated from vegetable oils, lithium-based thickener, extreme pressure additives, and Cortec® VpCI® corrosion inhibitors. It contains 86% USDA certified biobased content and qualifies for federal purchasing under the USDA BioPreferred® Program due to its use of renewable materials. EcoLine® Biobased Grease is especially valuable for protecting and lubricating metals exposed to extremely corrosive media or salt spray conditions such as those on offshore rigs or in coastal areas.

Learn more: https://www.cortecvci.com/whats_new/announcements/EcoLine-Biobased-Grease-PR.pdf

EcoLine® Wire Rope Grease is premium quality biobased, biodegradable grease that protects wire rope against corrosion and extreme pressure wear. It is formulated from vegetable oils, aluminum-based thickener, and anticorrosion additives for maximum wire rope protection. EcoLine® Wire Rope Grease is recommended for use in environmentally sensitive areas near waterways* and is ideal for protection in marine salt spray conditions. A higher flash point and biodegradable formula increases safety and lowers environmental impact compared to conventional petroleum greases.

Learn more: https://www.cortecvci.com/whats_new/announcements/EcoLine_Wire_Rope_Grease.pdf

EcoLine® Drilling Rod Grease is premium quality biobased and biodegradable lubricant for drilling rod applications. EcoLine® Drilling Rod Grease contains extreme pressure additives for excellent protection where constant drilling vibration creates a high load on drilling rod joints. This biobased, biodegradable grease is recommended for use in environmentally sensitive areas near waterways* and is available in NLGI grades 1, 2, and 3.

Learn more: https://www.cortecvci.com/whats_new/announcements/EcoLine-Drilling-Rod-Grease-PR.pdf

EcoLine® Biobased Food Machinery Lubricating Grease #1 and #2 are NLGI grade 1 and NLGI grade 2 greases (respectively) that provide superior lubricity to moving parts. As their names suggest, these greases can be used to lubricate machinery where there is the possibility of incidental contact with food. EcoLine® Biobased Food Machinery Greases are formulated in accordance with U.S. FDA regulation 21 CFR 178.3570, "Lubricants With Incidental Food Contact." They are also registered with the NSF Nonfood Compounds Registration Program as H1 category lubricants for incidental food contact (Reg. #157337 for

grade 1 and Reg. #157338 for grade 2). They contain 96% USDA certified biobased content. Learn more: https://www.cortecvci.com/whats_new/announcements/Food_Machine_Grease_PR.pdf

EcoLine® ELP (Extreme Lubricant Penetrant) is a high performance biodegradable soy-based lubricant and penetrant. It is formulated from natural seed oils and select additives that offer lubricity and performance superior to conventional lubricants. Its excellent performance, biobased nature, and low environmental impact make EcoLine® ELP a highly desirable option for industrial and household applications. It contains 95% USDA certified biobased content. Having a can of EcoLine® ELP on hand reduces the need to stock multiple lubricants for everyday MRO (Maintenance, Repair, and Operations) needs.

Learn more: https://www.cortecvci.com/whats_new/announcements/EcoLine-ELP-PR.pdf

Desicorr® VpCI® Pouches/NW are specially designed two-sided pouches containing a unique combination of desiccant and Vapor phase Corrosion Inhibitors for moisture absorption and corrosion protection. Unlike conventional desiccants, the dual function of Desicorr® VpCI® Pouches/NW reduces moisture in the air (desiccant action) and provides multi-metal corrosion protection (VpCI® action) within a package. The pouches are now available in non-windowed versions for greater cost-effectiveness and durability.

Learn more: https://www.cortecvci.com/whats_new/announcements/DesiCorr-VpCI-NW-PR.pdf

M-540 is a premium quality additive formulated with proprietary technology to provide superior corrosion protection in biobased and ester-based greases. It provides excellent long-term protection, even in humid and salt-containing environments, such as coastal and offshore conditions, where the chance for condensation and corrosion increases. When tested according to ASTM D5969 for rust prevention, grease that failed to prevent rust in a 5% seawater solution was able to pass the same test after M-540 was added. This seawater performance makes M-540 an ideal additive for formulating greases used in marine conditions such as those on offshore rigs.

Learn more: https://www.cortecvci.com/whats_new/announcements/M540-PR.pdf

*It is always important to ensure that use and disposal of all materials is in accordance with local guidelines.

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Sales Meetings and Tradeshows



SALES MEETINGS

European Sales Meeting

October 11th-12th, 2018

Zagreb and Beli Manastir, Croatia

<https://www.cortecvci.com/Publications/Marketing/European-Sales-Meeting-2018.pdf>

Latin America Sales & Strategy Meeting

October 26th-27th, 2018

Buenos Aires, Argentina

https://www.cortecvci.com/whats_new/announcements/LASM-News-Alert.pdf

Asia-Pacific Sales & Strategy Meeting

November 7th-10th

Shanghai, China

https://www.cortecvci.com/whats_new/announcements/Asia-News-Alert.pdf

UPCOMING TRADESHOWS

Fachpack

September 25th-27th, 2018

Exhibition Centre

Nuremberg, Germany

Stand Number: 7A-601

<https://www.fachpack.de/en>

AWT Annual Convention & Expo

September 26th-29th, 2018

Omni Orlando Resort at Champions-Gate

Orlando, Florida

Booth #1000

<https://www.awt.org/annualconvention18/>

Pack Expo International

October 15th-17th, 2018

Chicago, Illinois

Booth #11108

<https://www.packexpointernational.com/>

Fabtech

November 6th-8th, 2018

Georgia World Congress Center

Atlanta, GA

Booth #A2755

<https://www.fabtechexpo.com/>

POWER-GEN International

December 4th-6th, 2018

Orange County Convention Center,

West Halls

Orlando, Florida

Booth #1226

<http://www.power-gen.com/index.html>

World of Concrete

January 22nd-25th, 2019

Las Vegas Convention Center

Las Vegas, NV

Booth #S12050

<https://www.worldofconcrete.com/en/attendee.html>

SSPC 2019 COATINGS+

February 11th-14th, 2019

Disney's Coronado Springs Resort

Orlando, FL

Booth #400

<http://www.sspc2019.com/>



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