

## BioCorr®: strong on corrosion, gentle on nature...

The daughter company of global manufacturer "Daido Metal" was experiencing corrosion problems during exporting of automotive parts using sea going containers. The end users of bearings, bushings and thrust washers are engine producers: Volvo and Ford. Time in transit from manufacturer's location in Montenegro to the engine assembly plants is typically two - four months. The traditional rust inhibiting oils did not prevent oxidation and pitting of the special aluminum alloy used to produce these high-tech engine components. This resulted in significant losses from production delays and rejected parts. The customer



*BioCorr® is an environmentally sound alternative to hazardous petroleum derived products.*

tested BioCorr® in their laboratory with promising results and a pilot plant trial was initiated. This prompted the customer's decision to implement a plant-wide, full scale implementation of BioCorr® to replace rust inhibiting oils. Corrosion problems during storage and shipping were solved. The bearings, bushings and thrust washers have shown no sign of corrosion, even after extended field testing up to twelve months. As a result delivered parts are oil free, dry to the touch and protected with very cost-effective method.

BioCorr® is an environmentally sound alternative to hazardous petroleum derived

products. It is a water based, ready to use formulation intended for preservation of metals in storage and during transportation. This innovative solution is formulated with renewable raw materials and contains 64 percent biobased content. It provides multi-metal corrosion protection by combining film-forming additives with Vapor phase Corrosion Inhibitors (VpCI®s).

This ready-to-use formulation can provide protection for up to two years of indoor storage or during shipments. Unlike rust preventative oils, water-based BioCorr® leaves a dry film on the surface of the metal that is virtually undetectable. This feature helps to create a clean workplace and prevent material waste.

BioCorr® is VOC free and it's biodegradable formulation enables eliminating expensive disposal costs associated with hazardous mineral oils and flammable solvents. BioCorr® does not contain any chlorinated compounds, chromates, or nitrites, the write-up concludes.

## BASF launches new products for paint and coatings that keep building exteriors clean, durable and improve carbon footprints

BASF has launched two new polymer dispersion products Acronal® 7079 and AQAccl® HIDE 6299 in the Indian market. The two products are designed for paint and coatings to help keep building exteriors clean and durable and improve carbon footprints through reduction of titanium dioxide (TiO<sub>2</sub>).

"BASF's low volatile organic compounds, low odor and

## Measure soluble salts on surfaces faster with the new Elcometer 130 SSP Soluble Salt Profiler

Measuring soluble salts is now more accurate, easier and faster than ever before thanks to the new Elcometer 130 SSP Soluble Salt Profiler. The Elcometer 130 SSP is a portable, hand-held gauge which accurately and reliably measures 4 Bresle

the average reading; pass/fail maps and 2D and 3D salt density profiles provide visual indication of salt contamination; stores up to 3,500 sets of readings or transfer data via Bluetooth® or USB to ElcoMaster® for PC or mobile devices or

your own inspection app for instant report generation; rugged and reliable, ideal for use in the field or the laboratory.



*The Elcometer 130 SSP with accessories.*

equivalent readings in less than 3 minutes – more than 4 times faster than Bresle test methods, notes a press release from the UK-based company.

The key feature of the product include: Bresle (ISO 8502-9) equivalent readings; four times faster than Bresle Patches; displays the peak salt concentration – not just

Side by side testing under laboratory conditions in accordance with ISO 8502-9, shows that the Elcometer 130 SSP Soluble Salt Profiler is equivalent to the Bresle Patch Method.

For more information visit [www.elcometer.com](http://www.elcometer.com); or [www.aimil.com](http://www.aimil.com). Aimil Ltd, is Elcometer's sole distributors in India.

high durable solutions not only help protect health and provide protection and resistance against weathering elements, but also meet the increasingly more stringent environmental standards," said Jeff Knight, Senior Vice President, Dispersions and Resins Asia Pacific, BASF. Acronal® 7079 features BASF's state-of-the-art technology with 3-dimensional cross-linking structure, it helps prevent



*BASF's research and development center in Shanghai is committed to innovation in paint and coating solutions.*

formation of cracks and create a good water barrier property and water vapor permeability. With the use of the latest technology, Acronal® 7079 is ideal for clean and durable elastomeric wall coating. The systematic ultraviolet cross-link and good thickener response make it excellent in weathering and dirt pickup resistance. The organic opacifying polymer, AQAccl® HIDE 6299 is designed to provide opacity and whiteness to paints in architectural coatings by extending and/or improving the efficiency of TiO<sub>2</sub>. It helps reduce the amount of TiO<sub>2</sub> in the formulation without sacrificing performance. With its low odor, it can be used in both exterior and interior paints.