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A Proven Cost Effective Corrosion Prevention Solution

If you or your company aren't worried about costs, then by default you aren't concerned about corrosion or its associated costs in both lost productivity and lost revenue caused by plant and equipment down time then this a paper that you should just skip. But if you and your company are concerned about costs including the amount money being spent in man hours to repair or the cost for new components to replace failed ones in order to keep an electrical and electronics systems operating, a plant operating, or a machine running because of failures caused by corrosion then this paper is for you!

Corrosion is an increasingly serious and costly problem in both the private and public sectors costing hundreds of billions of dollars a year! Corrosion leads directly to plant and equipment failures, environmental problems, as well as human health and safety problems.

While all metals, except the noble metals and stainless steel, will corrode due to a number of different factors there is no simple or single solution to the overall corrosion problem. However, there are some very cost effective and proven ways to prevent corrosion. Preventing failures caused by corrosion and thereby reducing or eliminating corrosion's associated costs should be foremost in the mind set of any Preventative Maintenance Program manager.

One proven and cost effective solution to the corrosion problem is Corr-eX's LCP-177, a water displacing, ultra thin film lubricant with

corrosion prevent properties. LCP-177 was designed specifically to lubricate and prevent corrosion in electrical fittings and connectors; electrical and avionic harness assemblies and connectors; electrical and electronic switches; close tolerance and dissimilar metal components; lighting connectors and sockets; and the list goes on and on.

LCP-177 is a unique non-flammable “self healing” ultra thin film lubricant with a proprietary corrosion preventive compound that will not harden or crack. LCP-177 is not a wax or oil based product and is formulated without sulfates, chlorides or halogens. Corr-eX’s LCP-177 inhibits corrosion caused by exposure to both fresh and salt water moisture as well as the corrosive vapors from Sulfur dioxide (SO₂), Nitrogen dioxide (NO₂), Hydrogen Sulfide (H₂S), Ammonia (NH₃), and Chlorine (CL₁₂) gases found in waste water and sewer treatment plants, pulp and paper mills, chemical and petroleum plants, maritime industry, aircraft/airline industry, auto industry, farming and agriculture industry, and the list goes on

Extending the working life electrical components and systems and other critical items by preventing the deterioration and/or failure caused by corrosion can significantly reduce downtime and operating and maintenance costs as well as enhance safety.

The question for you and your company is:

What is the cost of not using LCP-177 in our company’s Preventative Maintenance Program?