



SuperCORR A maintenance of contacts on portable gas generators improves electrical performance in extreme conditions

A leading manufacturer of connectors tested SuperCORR A to see what the "life" of the lubricant was in a "rub test". The typical test is 20,000 cycles, i.e. unplug, plug in is one cycle. The test results demonstrated that after 20,000 cycles there were no failures. It was decided to take it one more step and run the same tests for 200,000 cycles. The results again showed no indications of galling or scoring on the connectors at all. The connector looked and tested as good as new. This test was run under clean conditions in a laboratory but demonstrates the effectiveness of the protective lubricant in **SuperCORR A**.

Meeting Mil-MIL-DTL-87177B (Revised MIL-L-87177A) specifications **SuperCORR A** is used by the U.S. Air Force to protect the intricate workings of the F-16 Fighter Jet and by the U.S. Navy on the P 3 Orion electronic surveillance aircraft. Commercial aviation aircraft manufacturers recommend it for electrical and close metal mechanical application, especially where flights are in salt fog or high humidity.

Containing extremely long-lasting, proprietary anti-corrosive inhibitors **SuperCORR A** provides a superior lubrication coefficient and protects components against moisture, wear, general and fretting corrosion, surface static electricity, corona, and other electro migration problems. The super thin non-flammable lubricant film is only 7 microns (0.007 mm) thick and is formulated to contain no sulphates, chlorides or halogens to meet the RoHS directive.

It is unexcelled in preventing deterioration and contamination on all surfaces of electronic equipment.

Very fast drying environmentally acceptable solvents are used as carriers and propellants which will not affect most plastics, substrates, metals or other materials used in connector manufacture.

The aerosols are supplied with probes allowing access to pins and connector tubes where the low surface tension repels water, dirt dust and metal particles from blind holes and surfaces to produce thoroughly clean holes before a second application applies the lubricant film. Reconnection to the supply with cleaned sections of the connector ensures reliable operation even in the most testing of environments. This easy maintenance from one can of **SuperCORR A** allows this essential task to be carried out in any conditions quickly, easily and securely.

FURTHER INFORMATION

Please visit our website <https://www.envirotech-europe.com/supercorr-a> for information about other uses and applications for **SuperCORR A**.

Visit www.envirotech-europe.com/applications-and-case-studies for information about uses and applications for all EnviroTech Europe products.

For more advice, please telephone us on +44 (0) 20 8281 6370 or use our website contact form.

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