



September 6, 2006

Re: Corrosion Inhibitors used on NiCad Batteries

To Whom It May Concern:

In the past it has been the practice of some operators to use petroleum products, specifically petroleum jellies to help keep batteries clean. In the past MarathonNorco has endorsed this. It has been noted that the acidity of these products vary greatly and extended contact with those products that have a higher acidity tends to degrade the hardware used to connect the cells within the battery. It is no longer our position that these products be used,

We have tested products that conform to MIL-87177A, type 1, grade B and find that they provide superior protection and do not have any adverse effect on battery low or high rate performance. When applied as a light spray to cell links and terminals these products have shown themselves to protect the interconnecting hardware from the accumulation of carbonates. It is recommended that cell terminals and all interconnecting hardware be cleaned in warm water with soap, thoroughly dried and assembled into the battery prior to applying a light spray of the recommended product.

The product specifically tested and recommended by Marathon is Lektro-Tech Super Corr-B manufactured by Lektro-Tech Inc. of Tampa, Florida. It is available as NSN 6850-01-328-3617.

Regards,

Brad Brown

Chief Engineer - Power Products Group
MarathonNorco Aerospace, Inc.

8301 Imperial Drive, Waco, Texas 76712-6588
Post Office Box 8233, Waco, Texas 76714-8233
Phone (254) 776-0650 Fax (254) 776-6558
www.mnaerospace.com

