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August 17, 1988

MILITEC INC.
900 17th Street
N.W., Suite 1100
Washington, DC 20006

Attention: Brad Giordani

Subject: Initial test results of MILITEC

Dear Brad:

As a follow-up to our telephone conversations over the past several weeks, I am submitting this brief summary of SPEC's results of testing with your product.

It should be noted that the testing being done is very demanding of the lubricant in the gearbox. The gearbox being tested is a differential type planetary with an output speed of less than one RPM. This creates one of the worst combinations possible from a lubrication stand-point in that there is very heavy loads with very little velocity to help generate a lubricant film.

This transmission requires efficiency testing in two moods. The first test is a no-load "free running torque" to determine the amount of power required to turn the unit without a resistant load. The second test is a dynamic efficiency of the transmission.

The units that have been tested have been prepared as follows:

1. Unit was assembled and tested using moly-grease only
2. Units were disassembled and parts coated with MILITEC
3. After parts were dry they were reassembled with grease and retested.

UNIT	NO-LOAD (IN-OZ)		EFFICIENCY (%)	
	BEFORE	AFTER	BEFORE	AFTER
A8	72	30	56.4	59.2
A12	96	35	54.9	59.8
E12	80	37	56.8	59.6

We are expecting to be performing additional testing in October and I will keep you informed.

Sincerely,

Stephen P. Luchetta
Project Engineer