

Mr. Robert MacKay
AVA HVAC Products LLC
319 Centre Ave. Unit# 104
Rockland, Ma 02370

September 7, 2017

Dear Mr. MacKay,

I wanted follow up with you on a job where we installed the Cool Blue product supplied by your company in May of 2016. The Facility was a city sewerage treatment plant located in Providence.

We had a new 500HP exhaust fan motor with bearings that failed 50-60hrs after startup. The motor had already been outfitted with shaft grounding devices but failed non the less. After cutting the bearings open for inspection we found it was undeniable, Fluting due to shaft currents had caused the early failure.

We replaced the bearings and installed 8 M-117 cores after taking current measurements with PEM Meter and Rogowski coil. We initially had 30 amps of current flowing through the bearings but after adding the Cool Blue Cores our current dropped to 6 amps (80% reduction). Six amps of current is far below a level to cause future damage on a set of motor bearings for a 500HP motor. We are happy to report it has been over a year and 3 months now and no reported problems!

Sincerely,

Richard Feole

Richard Feole
Senior Service Technician

Cc: file