



GE  
Energy

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Mr. Peter Dufresne, Jr.  
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Peter,

GE Energy installed EPT's ICB and ECR technology on a combined cycle hydraulic power unit in mid-2007 at a GE owned facility in Wales, UK. The phosphate ester hydraulic system at that facility was encountering a high occurrence of servo valve failures due to gel formation, varnishing, and high sub-micron particulate load.

Within days of installing the EPT equipment, various laboratory tests were conducted on the fluid and showed remarkable results. The acid number was lower than had previously been seen, and patch tests showed a dramatic decrease in sub-micron particulate. Water levels in the fluid were also very low, as we also installed the TMR air drying technology recommended by EPT and circulated dry air in the head space above the fluid level inside the hydraulic reservoir. Subsequent fluid samples have shown the fluid properties to have remained very good.

Recently, the Wales power plant was in an extended shutdown and we had the opportunity to drain the hydraulic tank to inspect the tank walls that had previously shown a large amount of varnish/gel deposits. I'm happy to report that the varnish was completely removed. Also, since we installed EPT's equipment, the plant has had no servo valve failures in almost 1.5 years of operation, which included several start ups and shut downs.

Based on our successful testing of your product, we plan on installing the EPT equipment at another power plant in the near future. I would not hesitate to recommend installing EPT's ICB and ECR technology on other GE supplied phosphate ester based hydraulic systems.

Best Regards,

A handwritten signature in black ink, appearing to read 'Kevin O'Dell'.

Kevin O'Dell