
Baker Petrolite

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Paul Hanson

RE: Yamada Pump Performance

To Whom It May Concern:

In our blending plant we use diaphragm pumps to transfer chemicals which we use to transfer into mixing tanks, transfer to packaging and also load and unload bulk trucks. In November 2003 we installed a Yamada 2” air operated diaphragm pump on a trial application offered to us by our local distributor Smith Cameron Pump Solutions. This pump is used 20 hrs per day 6 days a week. Our first attempt to pump the chemical mixture that we blend was not what we were hoping to accomplish, the Teflon diaphragm’s failed within a 4 week lifespan, at this point in time it now became apparent that we needed to upgrade to a more durable diaphragm.

Smith Cameron Pump Solutions came to us with a suggestion to use a new diaphragm manufactured for Yamada by W.L. Gore. This new design bonds two materials’ together to give us a bonded diaphragm consisting of Teflon on the liquid side and EPDM on the air side. In December 2003 we decided to accept their recommendation and installed the new design diaphragm’s into our pump, we have been monitoring their performance over the last 11 month’s and have not had to replace the diaphragm’s. The fact that we have been able to increase the life of our diaphragms from 1 month to 11 month’s has significantly reduced our maintenance costs and increased our reliability.

We appreciate the help,
Thanks, Paul Hanson

A handwritten signature in black ink, appearing to read "Paul Hanson".