



September 8, 2010

Don,

Thanks for your suggestion to use the **Vaughan Chopper Pump** as a solution for our **chip pumpback operation**. I did Pump replacement on CH 145 stand alone system that could not keep up with filtering chips out of the system before pumping to the central system.

Joey Maruskin with JGM Valve got me a Vaughan chopper pump which I placed in CH 145. This pump is working excellently for me. There has been no problems with the pump and the service was excellent. This pump design has made a believer out of me.

Rather than replace the current chip tank, currently we are waiting for ME to implement their total flow requirements. This pump is having no problems handling the additional flow and chip carryover that is sent from the drum filter opening (we removed the filter media) to the pumpback tank. Goal is to have Filtra-systems and other suppliers quote a single pump back tank eliminating the chip conveyor currently being used.

I would suggest that Powertrain specify that all suppliers quote the Vaughan Pump as a required component of pump back systems. Others as an option.

I will be having Joey with JGM Valve quoting replacement Pumps for my other two Pumpback systems. G line and OP15. G line is still on occasion having tooling issues and clogging the sump with big nests which cannot enter a normal pump inlet. The Vaughan design, I feel will give me the insurance to tackle this intermediate problem without going to an inline shredder.

Please consider the Vaughan Pump as a valid supplier on your new projects. They have made a believer out of me.

Thanks.

Ralph Goubeaux