



BACK PRESSURE REGULATORS FOR POLYMER SUPPLIER

The system controls a hot oil flow used to heat a mixing vat to “cook” the polymers into a cured synthetic polymer additive for the tire industry. The oil is heated as it passes through a boiler. Flow is then directed through heating coils in the vat via a ball valve. The Mark 50 is used to maintain head pressure on the pump.

Other applications for Jordan products exist on this system. A Mark 63 for the boiler for atomizing steam on boiler fuel and a Mark 70 with a flow controller on the fuel line. A Mark 60 could be installed on the steam line upstream from the Mark 63.

This one application provides an opportunity for 5 Jordan Valve products. Additionally, this type of system is not specific for the tire industry, but can be used for any synthetic fiber product or process in most chemical companies.