

Start Up Procedures for 5L-SD-60 Pump System

Operation:

- **Fill stainless hydraulic reservoir with approximately 10 gallons of standard hydraulic oil**
- **Connect air source to inlet side of regulator**
- **Reduce air pressure on regulator till gage pressure is 0 PSI by turning the black knob on top of the regulator**
- **Open the inlet ball valve gradually**
- **Open the black handle outlet valve completely**
- **Slowly increase regulator from 12-20 PSI continually viewing not to exceed 20 PSI**
- **Let system actuate for 3 minutes. This should eliminate any entrapped air in the tubing system.**
- **At this time, shut off black handled valve. This will increase pressure in the system resulting in the cylinder moving towards squeezing the pipe. Slowly increase regulator pressure to the maximum of 80 PSI, The higher the inlet pressure, the faster the squeeze off of the pipe. With an inlet pressure of 80 PSI, the resulting maximum outlet pressure will be 5400 PSI. Do not exceed this pressure.**

To Release Pressure on the Pipe:

- **Open black handled outlet valve. This will result in hydraulic oil to return back to the stainless steel reservoir.**
- **Shut off air flow by closing inlet ball valve completely.**