



What is the Startup Procedure for a Fixed Volume Vane Pump?

1. Check the rotation of the prime mover matching it with the pump rotation
2. Check the drive shaft alignment (equally aligned) to avoid any end thrust which can and will prematurely cause pump failure
3. Check Oil level and change filter elements
4. Check inlet and outlet ports to assure all connections are properly installed and check all mounting bolts and flanges to assure all are tight and properly aligned.
5. If inlet has a shut off valve make sure it is open before starting prime mover.
6. The spline shaft models also need to be lubricated with an anti-fretting grease or similar lubricant.
7. Fill the pump with fluid through the outlet port if the pump is mounted above the fluid level.
8. Place all controls in the neutral position so the pump is unloaded during the initial start up.
9. Intermittently operate (jog) the pump until it primes, it may be necessary to loosen the outlet fitting temporarily to purge trapped air until a steady output flow is observed.
10. Failure of the pump to prime in a short period of time indicates incorrect assembly or restricted flow from the reservoir.



31915 Groesbeck Highway • Fraser, Michigan 48026
PH: 1-586-296-7200 • FAX: 1-586-296-7210
Email: sales@FluidDyneFP.com

www.FluidDyneFP.com