



Texas Pumpdown & Torque Solutions, LLC

2500 HP Pump Maintenance/ PM Procedure

TXPTS pump operator & hand are responsible for checking 2500 HP pumps before heading out to the job and coming off the job. Requirements will be as follows...

- A. Open up fluid end check valves, seats, retainer springs, and packing retainer nut. The pump operator must inspect all parts that allow the fluid end to operate.
- B. It is the pump operator's responsibility to replace valves and seats, suction cap seals, pressure cap seals, if needed.
- C. All 2500 HP pumps will undergo a 500-hour pm that will include changing engine oil, engine oil filters, fuel filters & air filters. Once this is done operator will then write current engine hours and dates on all visible filters that were changed.

These procedures must be done every time a 2500 HP pump is coming or going on a job.

2500 Hp Pump Start Up & Operating Procedure.

The pump operator must do a visual inspection before starting up pumps making sure all hydraulic hoses are in place and connected from tractor to pump. Once this is achieved operator can resume operations to starting pump as follows:

- A. Turn on the tractor and let the tractor build up air.
- B. Turn on main power to 2500 HP pump, turn on the power to control panel/screen, and wait for the control panel to load up. Once the tractor has 125 psi of air Operator can then proceed to engage PTO on the tractor and throttle up to 1300-1500 RPM's.
- C. Once PTO is engaged operator can now proceed to the control panel on 2500 Hp pump turn on the ignition switch and press start button. At that time operator must check the pump for any visual leaks.
- D. Operator must check valve alignment before priming up pumps if all valves are open and fluid is going through pump operator can now start priming up 2500 HP pump.

E. To prime up 2500 Hp pump operator can now engage boost pump, change pump trips to 500 psi, put the pump in Neutral let pump stroke to make sure we DO NOT build up pressure, then proceed to put the pump in 1st gear throttle up and run about a total of 2-3 bbls on the pump then put the pump on instant neutral, then brake.

Once these procedures have been done the 2500 HP pump is ready to pump and proceed with the job.