

Extended Storing Guidelines (Timeline)



Proper precautions must be taken to preserve the life of your pump/pumping system when subjected to extended storage. To ensure optimum system performance, please follow these guidelines.

Prior to storage:

Location:

Selecting an appropriate location is important. Your pump/pumping system should ideally be stored in a dry location at room temperature, preferably covered with poly or canvas. Avoid areas that are subject to excessive heat, humidity, freezing, dust or airborne contamination from passing equipment.

Climate:

- If freezing conditions are a possibility, flush your pump with 50/50 solution of anti-freeze/water. Any supply tanks, hoses or feed lines should be drained. Use "Pump Protector" P/N 6208 on all direct drive pressure washer pumps.
- If extremely humid conditions exist, coat surfaces or hardware that are subject to corrosion with a light film of protective oil.
Note: Do not lubricate motor bearings during storage. Bearings are packed with grease at the factory. Excessive grease can damage insulation quality.
- If damp or humid conditions exist, the motor windings must be protected from moisture. Apply power to the motor's space heater (if available) while the motor is in storage. Always follow motor supplier recommendations.

Pump Protection:

- Apply light film of protective oil to bare crankshaft of the pump.
- Fill crankcase to the top of the bubble gauge with oil to protect the pump bearings.
- Loosen the tension on any belts during extended storage.

During Storage:

- Rotate motor shaft at least 10 turns every two months during storage (more frequently if possible). This will prevent bearing damage.
- Stored motors require using a "Megger" periodically to ensure that the integrity of the winding insulation has been maintained. Record the Megger readings. Immediately investigate any significant drop in insulation resistance. Review all motor manufacturer requirements for storing.

Prior to initial start-up after storage:

- After extended storing, seals and o-rings may take a set. Hand-rotate the pump crankshaft to assure smooth operation. If shaft is extremely tight or will not turn, replace seals and o-rings before resuming operation. o-rings in the relief valves may also require replacement. Typical shelf life of seals and o-rings is 5 years.
- Change oil at start-up and fill to the red dot on the bubble gauge prior to resuming operation.
- If belts were loosened prior to storage, ensure proper tension before starting your system.