

Maintenance

Every Month

Inspect all fittings and hoses for leaks. Tighten or replace if necessary any leaking hoses or fittings.

Inspect the float tank. The float valve should open as the water level drops and before the float bottoms in the tank. The float valve should close before the water level fills to the overflow rim. Adjust the float arm at the valve to insure operation as described.

Inspect the two filter screens, and clean or replace if necessary. The first is in the supply hose at the float tank. The second is in the in-line water filter inside the Machine, just after the tank feeds through the Machine wall.

Deliming the Machine

Remove the cover from the float tank. Shut off the water supply at the sill faucet. Run the machine and spray until the water is drained from the float tank.

Warning! Do not run the Machine dry.

Shut off the Machine as soon as the water level in the float tank reaches the outlet fitting that leads into the Machine.

Fill the float tank with a de-liming solution.

Attach the QD socket of the Sage de-liming assembly to the QD plug on the front of the Machine. Put the wand end of the de-liming assembly into the float tank. Start the Machine, and leave it running 15 to 20 minutes. Near the end of this period, with the Machine still running, disconnect and reconnect the QD socket from the plug at the front of the Machine 6 to 8 times. This will activate the bypass unloader valve, and will delime its functioning parts.

Without a Sage de-liming assembly

A high-pressure hose and spray gun can substitute for the Sage de-liming assembly. Remove the nozzle from the end of the spray gun. Attach the QD socket on the high-pressure hose to the QD plug on the front of the Machine and the Spray gun. Insert the open tip of the wand into the float tank. Follow the standard de-liming instructions with this assembly.

This process also delimes the Spray Gun, fittings, and nozzle.

Every Three Months

Perform all maintenance items suggested for every month.

Changing oil

Switch the Machine to OFF at the Master Control Panel. Flip the dedicated Machine breaker switch to off. Remove the yellow cover from the machine, and remove

the oil fill plug on the top of the pump head, inside the machine. Locate the oil drain plug underneath the Machine on the pump head directly below the oil sight gauge. Remove the drain plug and drain the oil into approved recycling container. Replace the drain plug. Fill the pump through the fill-plug hole until the oil level lines through the red dot on the oil sight gauge. The pump will take approximately 1-1/4 pints (600 ml). Use only T&S Sage pump oil, Cat Pump oil for 2SF pumps, or any ISO VG68 oil. Replace the oil fill plug and Machine cover.

Every Six Months

Perform all maintenance items suggested for every month and every three months.

Inspect all QD plugs at the Machine and at Remote Panels for excessive wear. Replace if dented or damaged.

Every Twelve Months

Perform all maintenance items suggested for every month, every three months, and every six months.

Rebuild the high-pressure pump with a Valve Kit (534052-45) and a Seal Kit (534053-45).

Rebuild the high pressure pump with a Valve Kit (534052-45) and a Seal Kit (534053-45).

Rebuild the bypass unloader valve with an Unloader Rebuild Kit (537353-45).