



## **SR Unit Information**

### **Maintenance Schedule**

#### **Wilden Pump**

Seal-Rite recommends that you regularly check your material pump for air leaks. Set your regulator at 100 psi, and then open valves 4 and 1. Pump should be circulating. Close valve 1. Soap and water your entire pump, including the white box. Any bubbles indicate an air leak. If you find air leaks, relieve the fluid and air pressure from the pump, fix the leaks and repeat until no more leaks exist. Seal-Rite also recommends that you annually grease your pilot spool by spraying one short squirt of white lithium grease in the air line that feeds the Wilden pump.

#### **Hydraulic Oil**

According to the hydraulics manufacturer, ISO 46 Grade Medium Hydraulic Oil is recommended. It is also known as AW 46 at such stores as Sam's, Napa Auto Parts, O'Reilly Automotive, etc. The AW stands for Anti-Wear. Maintain fluid level of  $\frac{3}{4}$  full in hydraulic oil tank.

NOTE: Before leaving Seal-Rite, your unit was filled with 13 quarts of hydraulic oil.

#### **Hydraulic Oil Filter**

According to the hydraulics manufacturer, the hydraulic oil and filter should be changed once per year. (Hydraulic Oil Filter Part # 230-HIF)

#### **Air Compressor**

Jenny recommends non-detergent oil in your compressor (Synthetic Blue, part # 220-AUBO). The oil should be changed after the first 20 hours of use, then every 200 hours or annually. There are two air filters on the compressor (Compressor Air Filter Part # 220-AEFE). Check them weekly and change annually, if not sooner. Jenny also recommends monthly inspections of the safety relief valve, belt adjustment, bolt tightness and all air connections and joints for leaks.

#### **Honda Motor**

It is recommended that the first oil change in the Honda motor come at 20 hours, successive oil changes are recommended every 100 hours. The air filters should also be changed on the Honda motor at the same time as the unit's 100 hour service (Honda Air Filter Part # 220-AHAF).

#### **Additional Recommendations**

- If Valve 3 is not used regularly, check it for sand deposits to prevent clogs.
- Grease your agitation bearings annually, one pump of grease while the agitation is running. Do not over grease or damage to the bearing could result.
- Lube your drive chain as needed.



## **Cleaning the Unit**

### **-Option 1 (Recommended Option):**

Fill tank halfway to completely full of water. Let system agitate at full speed for 30 minutes to one hour, periodically changing from forward to reverse. During that time, open valves 4, 1, and A to circulate water through pump. You can also put the spray wand into the top of the tank and open valves 4, 2, 6, and A. Empty tank and repeat this process if needed. We recommend Option 1 be followed by Option 3.

Note: Sand can be added to the tank during this process for abrasion to help clean the tank.

### **-Option 2:**

Run water through pump using an auxiliary water source by opening valves 5 and 3, or 5 and 1. You can also run water through system by running water into filter pot and opening valve 3 or 1.

### **-Option 3:**

Open valves 4 and 5, then use a pressure washer on inside of tank to clean off sealer.

-Depending on several variables, it will eventually be necessary to get inside the tank to remove excess sealer that has built up. Removing residual sealer is best done when temperatures are below freezing (or as cold as possible in warmer climates). Be careful when removing sealer with tools, as it is possible to ding the tank.

## **Winterizing the Unit**

-After tank and pump have been thoroughly cleaned, remove lid and plug (found in bottom of filter pot) from filter pot, and open valves 4, 5, 6, and 3.

-Dry fire pump until water no longer comes out of valve 3.

-Shut off valve 3, open valve 2, and dry fire pump until water no longer comes out of the spray wand.

-Repeat this process 1 - 2 more times. Shut off valves 2, S, and 1.

-Open valve 3, set regulator at 100 lbs., and wait for compressor's idle to slow (allowing air to build up to 125 lbs.).

-Dry fire pump by opening valve A and running windshield wiper fluid into suction side of filter pot until blue water comes out of valve 3.

-Shut off valve 3, open valves 2 and 6, wait 1 - 2 minutes, then open all valves and dry fire system to remove windshield washer fluid.

-This will leave windshield washer fluid sitting in any low spots, preventing freezing.

-Turn all valves to  $\frac{3}{4}$  way open, so that they are not completely open nor completely closed. Do this also to the pump and compressor after you are certain there is no air left in them. Leave all valves in the  $\frac{3}{4}$  position until you are ready to begin sealing again.

-Note: We use windshield wiper fluid because it is effective, inexpensive, and will not harm the pump.

-If your unit has the optional water tank, be sure to also winterize your water tank and 1/4" pump.