

## Restoration of liftgates after being submerged due to flooding

### Waltco recommended procedures:

#### **Do not operate liftgate until restoration is complete**

To lower platform, remove any return lines from the cylinder(s) at the pump unit. This will help prevent contamination from being sucked into the cylinders. Then loosen the hydraulic hose(s) at the pump to lower and/or open the platform.

#### **Power wash the entire lift gate**

- Including pump unit and batteries
- Inside crossbeam box (rail type liftgates)
- Entire lengths of roller chain and lifting cables. (rail type liftgates)
- Remove end caps on slider series liftgates to clean inside.

#### **Hydraulic cylinders**

- Drain and replace all hydraulic fluid, see chart below for recommended fluids.
- Drain any water that may have gotten into cylinder.  
(If cylinders were completely submerged we recommend disassembly o remove all contamination.)
- On power down units, cylinders may not need draining or disassembly.
- Clean or replace cylinder breather as required.

#### **Pump unit**

- Remove and replace motor.
- Drain and clean inside of reservoir thoroughly.
- Fill reservoir with clean fluid, see chart below for recommended fluids.
- Run pump until clear, clean, fluid comes out.
- Clean or replace pump breather as required.
- Drain and clean out hydraulic hoses.

#### **Electrical connections**

- All plug-together connectors should be taken apart & cleaned with WD-40
- All electrical connections should be coated with dielectric grease.

#### **Relays**

- Any relays that are not "potted" (sealed) should be replaced.

#### **Some components are sealed and do not need to be replaced**

- Most switches
- Power down modules
- Run (start) solenoids
- Circuit breakers
- Some Relays

#### **Lubricate liftgate per Owner's Manual**

Recommended Fluids	
Temperature Range	Acceptable Fluids
0° to 120° F	Waltco Biodegradable Liftlube™ part #85803860
	Shell Tellus S2 V 32
	Chevron Rando HDZ 32
-20° to 90° F	Waltco Biodegradable LiftLube Arctic part #85803866
	Waltco All Season Hyd Oil Part 85803867
	Shell Tellus S2 V 15
	Mobil DTE 10 Excell 15

Fill reservoir

- Fill with recommended fluid or equivalent.
- Fill the reservoir to within 2" from the top. (Oil level instructions above)
- Fluids are available from the Waltco parts Dept. 1-800-411-5685 [www.waltco.com](http://www.waltco.com)

**NOTE:**  
 Do not use the following fluids:  
 Brake Fluid  
 Power steering fluid  
 Automatic Transmission Fluid (ATF)

Please contact Waltco at 330.633.9191 with any questions concerning the repair of your lift gate.