

# Aqueous Grease Gator Setup Instructions

## The Grease Gator Includes:

- 1) Drum with Grease Gator Purifier Insert.
- 2) Stainless steel sink.
- 3) Heater.
- 4) Pump.
- 5) Digital Timer.

The Grease Gator comes assembled.



Figure 1

- 6) Initial Grease Gator Aqueous Cleaner charge. Includes 5 gallon container and 1 pint of AntiRust (Figure 2).



Figure 2

## Step 1: Unpack and Select a Location

- 1) Cut shrink wrap and banding off of box. Lift box up and off of the parts washer. The drum will be sitting on a wood pallet (Figure 4).
- 2) Select location for the parts washer. It should be level, away from cold drafts (to minimize heater load) and have access to two outlets with 120V/60 Hz/20A service (Figure 4). See Appendix 1 for further information on location selection.



Figure 4

## Step 2: Place the Grease Gator in the Selected Location

- 1) With two people and leaving the lid closed, move the unit to the location selected (Figure 5). The sink is attached to the drum with thumb screws to allow it to move as a single unit (Please note, the parts washer should not be moved filled with water. Also, the thumb screws are not strong enough to hold a filled drum).
- 2) Open the lid (Figure 6). Remove the tape over the drain in the sink. This tape holds the crumb cup and drain screen in place during shipping.



Use two people to move.

Figure 5



Figure 6



# Aqueous Grease Gator Setup Instructions

## Step 3: Fill the Gatorizer with Water and Grease Gator Aqueous Cleaning Solution

- 1) Add the water FIRST (before chemical) to reduce foaming. The mix will be:
  - 20 gallons of water
  - 5 gallons of cleaning solution
  - 1 pint of AntiRust

To add the correct amount of water, fully open the oil purge valve on the side of the drum before beginning to fill with water (Figure 7). Place an empty bucket under the valve to catch water during filling. Add water through the drain in the sink using bucket (Figure 9) or hose (Figure 10). Use warm water to minimize the wait for the heater to bring the water to the operating temperature. Keep adding water until it begins to come out of the open valve. When the water first comes out of the open valve, the drum is filled. Stop adding water when water begins to exit valve and close the valve (Figure 8).



Valve in open position. Open valve when filling with water.

Figure 7



Valve in closed position. Close valve after water begins to exit.

Figure 8



Add water with a bucket.

Figure 9



Or add water with a hose.

Figure 10

- 2) Add cleaning solution

Add the entire 5 gallon container of aqueous cleaning solution by pouring it down the drain (Figure 11). Be careful not to splash the solution.

Triple rinse the container and assure any solids in the container are emptied into the solution. It is normal to have some solids.

- 3) Add the entire 1 pint bottle of AntiRust (Figure 12).

Triple rinse the container and assure any solids in the container are emptied into the solution.



Add 5 gallon Grease Gator Solution. It is normal for some solids to exist, be sure to empty these into the solution.

Figure 11



Add 1 pint AntiRust. It is normal for some solids to exist, be sure to empty these into the solution.

Figure 12

## Step 4: Power Up Your New Grease Gator

- 1) Plug the heater into a 120V/60 Hz/20A outlet.
- 2) Plug the pump into an outlet with the rating recommended by the pump manufacturer.

The heater is factory preset at 110 degrees F. and is located at the bottom of the outside of the drum. It is external to keep it out of the solution and will give you many years of reliable service.

It will take approximately 3 hours for the heater to bring a drum of cold water to operating temperature. Once at 110 degrees F, the heater will maintain that temperature.

After determining your specific operating time requirements and the time to get to 110 degrees F at your facility, you can program the digital timer (option available through your Grease Gator Dealer) to start the Grease Gator early to be ready for the work-day.

Please contact us if the temperature of the solution is not maintained at 110 degrees F or gets too hot for operator's hands.



# Aqueous Grease Gator Setup Instructions

## Step 5: Prime Your Grease Gator with Oil

When the unit is at operating temperature, add one quart of waste oil directly into sink (Figure 13). This will help diminish foam and will be good practice in purging the used oil from the Purifier.

It is also a good demonstration of the Grease Gator's power for a training session for users.

Watch as the oil goes down the drain, the cleaning solution stays clean. After a minute or two, open the waste oil discharge valve to release the captured oil. Allow the oil to discharge until water first comes out, then, close the valve. Please refer to the Operating Tips for more detail on purging the used oil.



Oil dissipates foam from initial filling and is good training for oil purging.

Figure 13

**Congratulations!**  
**Your Aqueous Grease Gator Parts Washer**  
**is ready for operation.**

## Appendix

When considering the placement of your Grease Gator consider the results of this Energy Usage Analysis.

### Energy Usage Analysis, Grease Gator

	KW / 24 hrs	Est cost per day	\$ savings / month	% cost savings
No Timer....on concrete	6.75	0.54	0.00	0
No Timer....on Grease Gator Pad	4.38	0.35	5.77	35%
Timer....on concrete	3	0.24	9.13	56%
Timer....on Grease Gator Pad	2.59	0.21	10.12	62%

Notes:

Estimated cost per day is based on .08 per KW and a 7 day week.

Dollar savings per month is versus "No Timer....on concrete".

% cost savings per day is versus "No Timer....on concrete".

