

Scheduled Maintenance

It is important that you put into place a preventative maintenance schedule for your Liquitainer Self Bunded Storage and Dispensing Tank. Particular areas of focus should be as follows:

Tank

Updraft Vent (Breather)

- The Liquitainer Tank is of a free venting design.
- For every litre of fluid filled into, or taken from the Liquitainer tank a litre of air travels through the main tank breather.
- It is important that this breather remains clear and unblocked.
- Any blockage of this breather can result in structural damage to the tank.
- The Liquitainer tank is only rated to a maximum pressure of 21kpa (3psi)
- **Monthly** - Remove and wash / clear vent of all dust and other particles.
Should this vent block

Interstitial Emergency Vent

- This vent provides relief to the interstitial space in the event of a fire.
- In the event of a fire the air within the interstitial space will pressurise.
This Vent provides a vital job to relieve this pressure.
- **Monthly** - Please check vent operation on a monthly basis, lubricate as required.

De-Watering

- Over time water will build up in the bottom of your Liquitainer Tank.
- Moisture from the air flowing through the tank breather can be removed by using the Donaldson TRAP Breather product, more information can be

- found as follows: <http://petroindustrial.com.au/default/filter-donaldson-dff0078-breather-trap-1-5-bsp-male.html>
- We provide a 25mm Tank Dewatering Point on top of the Liquitainer Tank located central to the tank. This 25mm line extends to just off the bottom of the tank at the lowest point of the tank.
 - Dip tank using tank dip stick smeared with Kolor Kut Water Finding Paste. Only smear bottom 100mm or so of the dipstick with the paste. If water is present the paste will change colour. This indicates the water height in the tank. For more information regarding Kolor Kut Water Finding Paste please click on the following link - <http://petroindustrial.com.au/default/kolor-kut-water-finding-paste-3-oz-tube.html>
 - Using a hand operated pump, remove liquid into bucket or other appropriate storage medium using 25mm suction tube until clear diesel flows
 - Re-check tank water level by following above procedure using Kolor Kut Water Finding Paste.

Bunded Pump Bay Housing

- This design feature of the tank is designed to capture spilt product over time. It is an area of the tank that requires regular maintenance and good housekeeping.
- We DO NOT include a drain bung as this would only invite operators to empty the contents of the bunded pump bay housing onto the ground, resulting in an ongoing risk of hydrocarbon contamination on site.
- You need to use absorbent pads and other cleaning tools to remove liquid from this housing regularly.

Overfill Alarm

- MONTHLY - Test operation, replace batteries as required.

Interstitial Dip

- MONTHLY - Dip interstitial space of the tank using Kolor Kut Hydrocarbons Gauging Paste. More information about this product can be found at the following web link - <http://petroindustrial.com.au/default/kolor-kut-hydrocarbon-gauging-paste-2-25-oz-plastic-jars.html>

Suction Strainer

- MONTHLY – if a pre-pump suction strainer is included with your Liquitainer Tank please remove the element and clean on a monthly basis

Pumps

- Please maintain in accordance with the pump manufacturers maintenance manual provided

Filters

- MONTHLY – inspect and clean filter element, replace as required. Filter elements are a cheap insurance policy against contaminated product flowing through to your equipment.

Meters

- Please maintain in accordance with the meter manufacturers maintenance manual provided
- SIX MONTHLY – calibrate in accordance with the meter manufacturers manual provided



Hose

- MONTHLY – inspect for damage, replace as required

Nozzles

- MONTHLY – test for nozzle seal leak. Repair and replace as required

PETRO Industrial stocks a full range of spare parts for your Liquitainer Tank, please contact one of our branch locations. Branch locations are as follows: -

<http://petroindustrial.com.au/default/contact>