

Waste Oil  
Handling  
Systems

Innovative  
Fluid Handling  
Solutions



# waste oil handling systems

**LUBE Pro**  
Professional Lubrication Equipment

**Waste Oil Tank**

Capacity: 2,000L  
Model: TSW20

USED LUBRICATING

LUBRICATING  
AND HYDRA



[www.advancefluidcontrol.co.nz](http://www.advancefluidcontrol.co.nz)

# INTRODUCTION

✉ sales@advancefc.co.nz  
☎ 0800 538 058

**Advance Fluid Control is New Zealand's leading supplier & installer of specialist fluid transfer equipment and fluid management systems for mechanical & industrial workshops and applications.**

One of the most important and often overlooked aspects of any workshop set up is the handling and management of waste oil.

With the storage and containment of waste oil having attracted particular attention from authorities in recent years due to the potential for environmental pollution, and some workshops unfortunately having sub-standard storage practices,

authorities are now monitoring this aspect of the industry more closely, and rightly so. The compliance and management of waste oil tanks and systems in workshop premises is now of the highest priority.

AFC has the range of quality equipment, solutions and understanding to help any workshop get on top of its waste oil management.



# 7 KEY POINTS FOR SITES WITH WASTE OIL STORAGE

## Spill Control

1

Sites with waste oil storage must have a spill kit that is appropriate for cleaning up used oil. This should contain personal protective equipment (PPE), spill handling equipment, containment equipment, absorbent materials and information on what to do when a spill occurs.

## Sites with Waste Oil capacity of 500L or more

2

If the site has capacity for 500L or more of waste oil, there must be at least 2 fire extinguishers on site. Maximum storage in plastic tanks is 1000L per site. Double skinned steel tanks provide solutions for storage of more than 1000L.

## Secondary Containment

3

Each tank is required to have a secondary system with at least 110% capacity of the largest storage tank on site. This can be achieved by utilising a self-bunded tank, a single skinned self-bunded tank, or a single skinned tank in a suitably sized bund.

## Evacuation Plan

4

A documented evacuation plan is required.

## Signage

5

- The location where the tank is must have prominent signage to demonstrate the allowed substances for the tank, as well as signage showing prohibited substances. Our waste oil tanks come complete with the approved signage to meet this requirement.
- Where the tank capacity is 1,000L or more,
  - a Warning or HAZCHEM sign which is able to be read from a distance of 10m is required which contains the hazardous substances present, the hazardous properties of these substances, precautions to prevent unintended ignition, and actions to be taken in the event of an emergency.

If the used oil is located in a building, these signs must be positioned at every vehicular and pedestrian access to the building and at each entrance to any room or compartment inside the building which the used oil is located in.

As this is usually region and site specific, we do not supply this with the tank.

See example (below) of a suitable sign.

HAZCHEM 3Z	
USED OIL	
 Combustible Liquid	In case of emergency dial 111 Fire, Police or Ambulance  Keep away from ignition sources – no smoking, no naked flames
 Ecotoxic to Aquatic Life	Ecotoxic to aquatic life – contain spills, protect waterways.  24Hr company contact Dial xx xxxxx  Regional council pollution hotline Dial xx xxxxxx

## Staff Training

6

Written material must be provided to staff about the appropriate procedures for handling used oil and oil filters. Safety datasheets must be available.

## Emergency Response Plan

7

An emergency response plan is required if your site holds more than 1,000L of waste oil. Emergency response plans must be site specific and cover all reasonably likely occurrences and the responses for your site.

# WASTE OIL TANKS

✉ sales@advancefc.co.nz  
☎ 0800 538 058

Whether it's our double-skinned TSW range of steel tanks which are manufactured as two tanks in one, or our 1000L plastic waste oil tanks, all of our tanks comply with the strict New Zealand legislation which applies to any sites with waste oil storage.

Additional to complying with increasingly enforced regulations, the TSW tanks range also offer unparalleled functionality for installation, use, and maintenance with a forklift-friendly base, large weatherproof & bunded connections box, included level gauge, leak detection sensor between skins, large manway, and ample tank entry ports. Lifting eyelets can be added on to the top as an optional extra.

Enhance both your environmental compliance and the practicality of use with our quality range of waste oil tanks.



TSW50



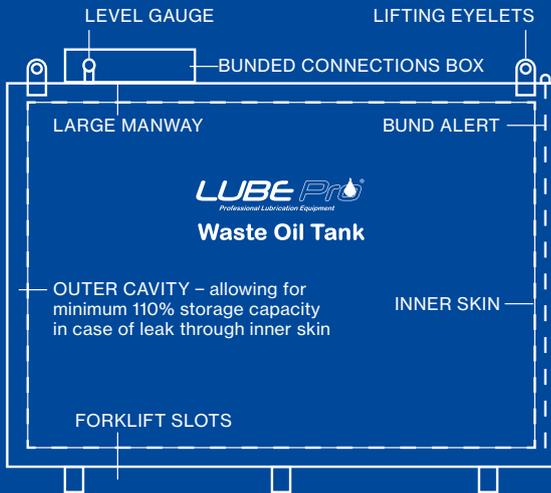
TSW20 / TSW25 / TSW30



PTB1000RPassy / PTB1000Assy/ST/FLT



Bulk Oil Storage set up containing a 4500L Waste Oil Tank and 1000L Waste Coolant Tank



**LUBE PRO**  
Professional Lubrication Equipment  
**Waste Oil Tank**

OUTER CAVITY – allowing for minimum 110% storage capacity in case of leak through inner skin

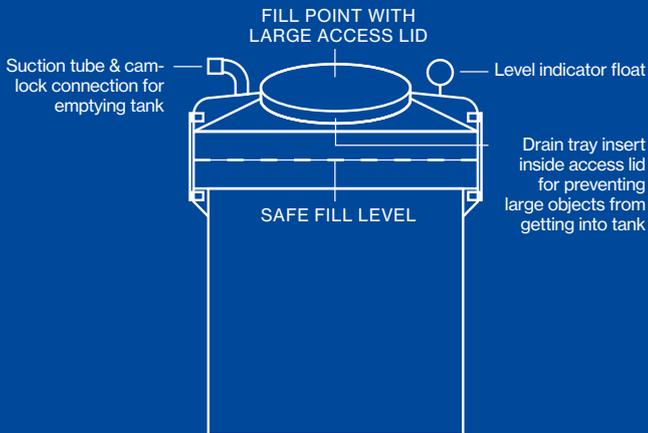
TSW20 / TSW25 / TSW30 / TSW50  
Double Skinned Waste Oil Tanks Example

- TSW20: 2000L Tank Capacity, (LxWxH): 1620mm x 1255mm x 1350mm
- TSW25: 2500L Tank Capacity, (LxWxH): 1900mm x 1255mm x 1350mm
- TSW30: 3000L Tank Capacity, (LxWxH): 2350mm x 1255mm x 1350mm
- TSW50: 4990L Tank Capacity, (LxWxH): 2320mm x 1605mm x 1820mm

\*Custom tank sizes and capacities are also available on request.  
\*\*Dimensions may vary from the above, please check when ordering.



Lube store with 2000L waste oil tank with mounted suction hose reel and pneumatic waste oil pump. Typically suited for sucking from mobile service vehicles



PTB1000RPASSY / PTB1000ASSY/ST/FLT  
1000L Double Banded Plastic Waste Oil Tank Example

DIMENSIONS (TANK ONLY): 1250mm DIAMETER x 1385mm HIGH

\*Dimensions are approximate, and for base tank only.



1000L Plastic Waste Oil tank with outer bunding tank, incorporated into tank room

# TANK LEVEL ALERT SYSTEMS

✉ sales@advancefc.co.nz  
☎ 0800 538 058

Designed for preventing overflow of holding tanks, the Lube Pro Tank Level Alert System is a must have for avoiding over filling of waste oil & waste coolant storage in workshops.



## Features

- ✔ Control box with LED light display for precise tank level monitoring & visibility
- ✔ In-tank sensor probe for 2nd stage warning
- ✔ Optional in-line solenoid for automatic shut-off on air line to waste transfer pumps when tank is full
- ✔ Control boxes for multiple tanks are available.





Waste oil & waste coolant drainer evac pump stations with pumps, suction filters and tank level alert systems



Waste Oil & Waste Coolant evac stations located at the end of a reel stand for easy access, with tank level alert system



Waste Oil Pump Station with Tank Level Alert System

## ORION WASTE OIL TRANSFER PUMPS

**These specialist suction pumps are specifically designed for waste oil transfer incorporating an anti-race mechanism to avoid cavitation due to air locks or an empty suction line.**

These Swedish pneumatic waste oil pumps are premium quality and are designed for both short & long distance waste oil transfer operations such as sucking from waste oil drainers and pumping to the waste oil storage tanks.

Suitable for long distance transfer of waste oil through piping system.

- Stub pump, suits pipe and wall mounting applications.
- 3/4" BSPF Outlet.
- Heavy Duty.



O-22575

O-22802

# WASTE OIL BASINS AND TRAYS

✉ sales@advancefc.co.nz  
☎ 0800 538 058

Specifically designed for the catchment of waste oil – our range of waste oil basins and trays allows for an easy, clean and hassle free solution to draining oil filters, containers, funnels, etc.

## Features

- ✔ Integrated removable mesh helps to strain oil and remove foreign particles
- ✔ Freestanding and wall mounted options available
- ✔ 250L capacity (standard freestanding basin)
- ✔ Customisable and can be easily retrofitted into an existing waste oil system
- ✔ Easy to use
- ✔ Tidies and lifts the profile and efficiency of the entire waste oil catchment process and area.



Wall-mounted Lube Pro 65L Waste Oil basin with Pump Station



Standard 250L free-standing Waste Oil Basin with pneumatic pump & suction filter incorporated into fixed backing plate



Custom 2m long waste oil tray with attached Pneumatic pump, filter, and hosing



Waste oil Basin with pneumatic pump & suction filter. The pump kit removes waste oil from the basin and also mobile drain units, transferring in to the 1000L waste oil tank



Waste oil drainer discharge station with incorporated drip tray



Wall-mounted Lube Pro 65L Waste Oil basin with Pump Station and Air Level Alert System cut out solenoid

# WASTE OIL DRAINERS & ACCESSORIES

✉ sales@advancefc.co.nz  
☎ 0800 538 058

As with all mining, commercial, agriculture and automotive workshops, the need for dependable day-to-day Waste Oil equipment is essential, And having the right equipment can be make or break for any workshop.



At AFC we understand the varying requirements of workshops as they seek a tidy and efficient solution to manage the handling of waste oil.

AFC has a full range of telescopic & suction drainers, low level drain trolleys, pit drain trolleys and suction hose reels, as well as short & long distance specialist waste oil pumps.

AFC has the expertise to provide the solution your workshop needs and waste oil handling equipment.



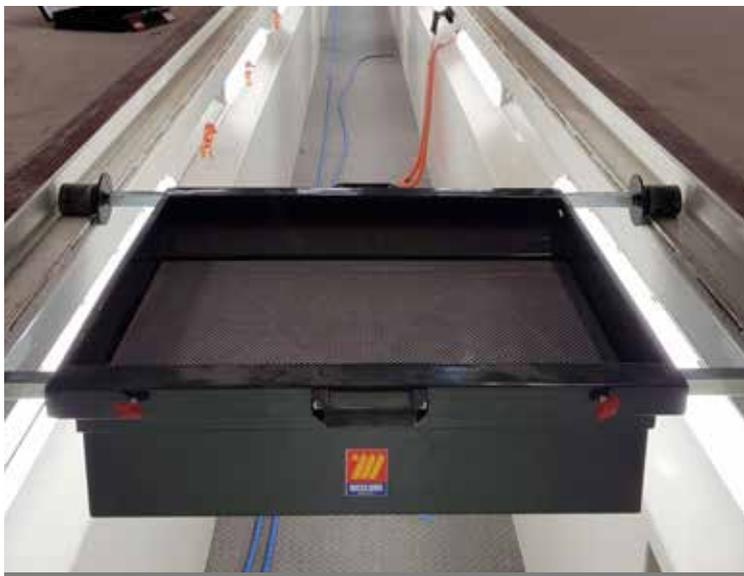
ODT100



32065L



M-0461457



Meclube Pit Waste oil drainer – for use in workshops containing service pits



ORION Pneumatic 1:1 Waste Oil Transfer Pump on waste oil pump station incorporated into reel stand



90L Meclube commercial Waste Oil Drainer with telescopic bowl & custom evac connection hose and bracket



Waste Oil 4-Way Evac Valve and Suction Hose Reel incorporated on to a mobile service skid



Lube Pro Low Level Waste Drainer with custom Orion pneumatic pump and filter system



80L Lube Pro Waste Oil Drainers with telescopic bowl for automotive workshop

# Locations & Contact Details

## Nationwide Sales & Service

0800 538 058

sales@advancefc.co.nz

## Branches

Auckland: (09) 320 3950

Nelson: (03) 547 4957



LUBE Pro

Waste Oil Tank

Capacity: 4,990L

Model: TSW50