



techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics
& Vacuum

Industrial

Compressed Air
& Ring Main

Process &
Instrumentation

Fuelling, Lubrication, Wash Down & Misting

Transfer Pumps

BARREL PUMPS



Piston Oil Pump

- With 1.5m outlet hose, anti-drip 13mm 90° spout, nozzle storage facility.
- Designed to fit awkward access filler points.
- 2" BSPM male thread, pumps on down stroke.



| 0225 | To Suit |
|---------|---------------------|
| J9023SE | 20 & 25 Litre Drums |

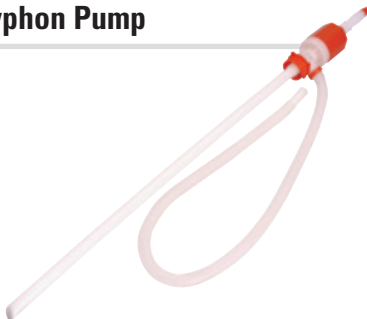
Gear Oil Bucket Pump

- With fully reversible hand rotary pump, clear PVC hose and nozzle.
- 10.5L approx.
- Robust steel base with hard powder coat finish as standard.
- Delivers and retrieves.



| 0225 | Volume Litres |
|---------|---------------|
| AG000SE | 10.5 |

Syphon Pump



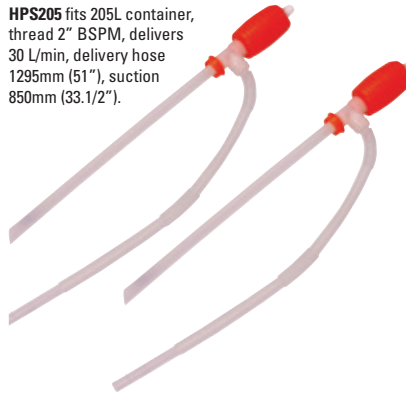
| 0225 | To Suit |
|-------|-------------------|
| J2653 | 205 Litre Barrels |

Manual Syphon Pumps

- Suitable for pumping most liquids: acids, alkalines, antifreeze, de-greaser, distilled water, diesel, biodiesel B100, light oils and solvents.
- Includes delivery hose and suction pipe.

HPS25 fits 5-25L containers, delivery hose 534mm (21"), suction 380mm (15").

HPS205 fits 205L container, thread 2" BSPM, delivers 30 L/min, delivery hose 1295mm (51"), suction 850mm (33.1/2").



Drum Pumps

| 0225 | To Suit |
|--------|-----------------|
| HPS25 | 5-25 Litre Drum |
| HPS205 | 205 Litre Drum |

Battery Operated Syphon Pump

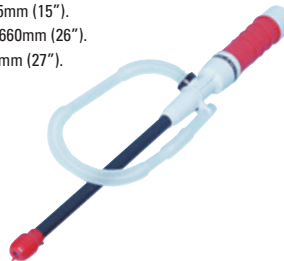
- Unique battery operated pump (2 x D size batteries not supplied).
- Suitable with water, diesel, HVO, light oils & mild / non corrosive chemicals.

Flow Rate: 4 - 7 L/min

Suction Tube: 375mm (15").

Discharge Tube: 660mm (26").

Total Length: 675mm (27").

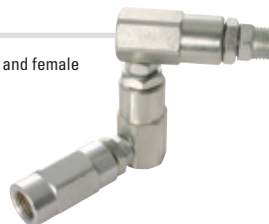


Drum Pump

| 0225 | LPM |
|------|------|
| HPSB | 8-10 |

Z Swivel

- 1/4" BSPM Male and female



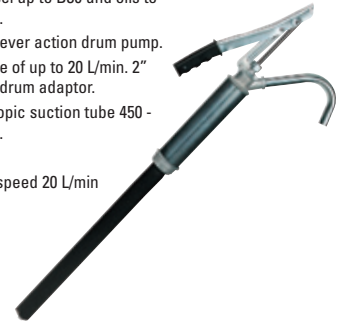
BSPM

| 0225 | Thread |
|-------|--------|
| M8090 | 1/4" |

Lever Barrel Pumps

- Suitable with diesel, HVO, biodiesel up to B30 and oils to SAE 90.
- Metal lever action drum pump.
- Capable of up to 20 L/min. 2" BSPM drum adaptor.
- Telescopic suction tube 450 - 900mm.

Note:
pumping speed 20 L/min



| 0225 |
|-----------|
| 2019-9386 |

Tech Sheet 1171

WHALE Urchin - Diaphragm Hand Pump

- Suitable with clean or dirty diesel, HVO, water and oils to SAE 90.
- Pumps dirty and contaminated liquids with up to 10mm solids
- Made from glass filled polypropylene complete with nitrile seals
- Hose tails accept both 1" and 1.1/2" hoses

Flow Rate:

47 L/min for 1"

68 L/min for 1.1/2"



| 0225 |
|------|
| HPW |

Tech Sheet 20034

Lockable Drum Taps



3/4" BSPM

| 0225 |
|-------|
| J4175 |

- All metal



Self Closing, 3/4" BSPM

| 0225 |
|-------|
| J4177 |

Rotary Barrel Pumps

- A robust cast iron rotary barrel pump capable of up to 25 L/min for dispensing fuel or oils. Supplied complete with 1 metre sectioned metal suction pipe and 2" BSP barrel adaptor.



Cast Iron

0225
2042-5658

Tech Sheet 1172

- Suitable with most chemicals and acid based products.
- PVC construction with PTFE vanes and Hastelloy springs.
- 3 piece suction pipe. Capable of up to 25 L/min.



PVC Rotary Hand Pump

0225
MSSPVC

Semi Rotary Pumps

- Suitable with diesel, light oils and water.
- Semi rotary double acting.
- Cast iron body with brass internals.
- Flanged inline threaded ports.

Choose from:

- 1/2" K0 version
- 3/4" K1 version
- 1" K2 version
- 1.1/2" K5 version

Note: never mount horizontally.



Semi Rotary Hand Pumps

| 0121 | Size | Thread |
|-------|------|--------|
| SEMI0 | 0 | 1/2" |
| SEMI1 | 1 | 3/4" |
| SEMI2 | 2 | 1" |
| SEMI3 | 3 | 1.1/4" |

- Kit fits into 2" socket, for use on 205 litre drums and tanks up to 1.5 metre deep.
- 1" semi-rotary hand pump.
- Manual nozzle.
- Tank/pump connector.
- 4 metre x 3/4" outlet hose.



Semi Rotary Pump Kit

| 0121 | Description |
|-----------|----------------------|
| SRG2A.KIT | 1" BSP Hand Pump Kit |

MANUAL TRANSFER PUMPS



Gear Oil Pump

- Suitable with high viscosity oils, ideal for filling gear boxes. Telescopic suction tube 300 - 500mm.
- Polypropylene pump, mild steel piston and nitrile seals.
- Dispenses approximately 100ml per stroke.
- Has a 1.5m outlet hose with spout.
- Spout can be drained by locating back into pump body.
- Supplied with two adaptors as standard: One fits most 25L external Plysu threads (60mm dia). The other fits most 25L Trisure/Valorex thread (56mm dia).

Option: Universal adaptor, locks onto any external thread that is less than 61mm dia.



| 0225 | Description |
|-------------|-------------|
| HPGO | Pump |
| ADAPT.UNI.L | Adaptor |

Oil Suction Gun

For getting oil in/out of gearboxes, transfer cases and differentials.

- Suitable for use with non corrosive liquids.
- Capacity 500cc with 300mm PVC hose.
- Deluxe lip seal provides maximum suction.
- Steel barrel in premium powder coated finish.
- Fully serviceable.
- No priming required.



| 0225 |
|------|
| OSG |

Liquid Suction/Extraction Units

- Novel device that both sucks and stores extracted liquids.
- Suitable for fuels, water, oils and many other liquids.

Removes: Oil from vehicles, lawn mowers, motorbikes, hydraulic reservoirs without draining, simply insert the suction pipes in the dipstick hole. Water from banded fuel tank cabinets, fish tanks, bilges and otherwise inaccessible areas. Fuel spillages from banded tanks/fill point cabinets.

- Can even suck up surface puddles.
- Prime the handle and watch it work.
- Supplied with suction probes to fit most applications.
- Lightweight and portable. 17 litre version has castors.
- When full, remove top plug to pour out the contents.

A must have for any engineers/site van multipurpose pump.



Suction/Extraction Units

| 0225 | Capacity Litres |
|----------|-----------------|
| HP.SUC2 | 2.7 |
| HP.SUC6 | 6.5 |
| HP.SUC17 | 17 |

DOSING PUMPS

MixRite 3.5 Series

Tefen's MixRite line of water driven proportional dosing pumps, are used to ensure precise additive injection directly into the water or fluid line under various flow rates, feed ratios and different ranges of pressure.

Features

- Mixes additive and water precisely
- The dosage can be adjusted easily and quickly
- Repair is simple and inexpensive
- Key internal parts are from the highest quality material available (Hastelloy spring, Viton Rubber seal)

3/4" BSPT Male

| 0471 | LPH | Max Pressure Bar | Dosage Rate |
|--------|---------|------------------|----------------|
| MRDP-1 | 10-3500 | 0.2-8 | 1:333 - 1:500 |
| MRDP-2 | 10-3500 | 0.2-8 | 1:1000 - 1:111 |
| MRDP-3 | 10-3500 | 0.2-8 | 1:333 - 1:50 |
| MRDP-4 | 10-3500 | 0.2-8 | 1:200 - 1:20 |
| MRDP-5 | 50-3500 | 0.2-8 | 1:100 - 1:10 |

Tech Sheet 60239

Working Temperature:
4°C to +40°C

Maximum Working Pressure:
8 bar



Food Contact
FDA 21 CFR



Food Contact
(EU) 1935/2004



NSF
NSF/ANSI 61



12V Submersible Transfer Pump

- Only suitable with diesel, biodiesel B30 and water to 80°C.
- Maximum Flow: 18 L/min. Length 145mm, diameter 47.5mm.
- 12V centrifugal submersible pump.
- 3m outlet hose (1/2"). (500 hour life expectancy).
- 4m long battery cable and clips. Weight 0.6kgs.
- Continuously rated for periods up to 1 hour.

NOTE: DO NOT RUN DRY

Maximum Working Pressure:
15 psi (1 bar)



| 0225 | Voltage | LPM |
|--------|---------|-----|
| 12SP18 | 12V | 18 |

Electric Oil Transfer Pump

Designed for pumping and transferring all grades of oils up to SAE 90. Suitable for lubricating oils, hydraulic oils, gear oils etc. Complete with on/off switch and internal bypass, it has 3/4" BSP threaded ports and is also supplied with a pair of 1" hose tails. Pumping rate depends on grade of oil and temperature.

- IP55 rated



2033-5279



VISCO.110

| 0225 | Voltage |
|-----------|---------|
| 2033-5279 | 230V |
| VISCO.110 | 110V |

Tech Sheet 1174

On-demand Diaphragm Pumps

- Only suitable for use with agricultural chemicals or water
- For spraying and transferring liquids
- With pressure switch and fittings
- Self priming to 2m
- EPDM diaphragm
- 1/2" and 3/4" barb plug-in ports



12V

| 0225 | Description |
|---------|---------------------------|
| DP12.17 | 17L/min, 40 psi (2.8 bar) |

Portable Diesel Pump Kits

- Suitable with diesel, HVO, and biodiesel up to B30.
- Choice 12V or 24V. 40 L/min pumping speed.
- 40 L/min pumping speed.
- Sturdy steel case complete with carry handle
- On/off switch and bypass valve.
- 4m long battery cable with crocodile clips.
- UK made 6m of suction/delivery hose.
- Brass foot valve and strainer must be fitted or warranty void.

Maximum Run Time:
30 mins.



Manual, BSP

| 0225 | Thread | Voltage |
|------------|--------|---------|
| 12PA.KIT1C | 1" | 12V |
| 24PA.KIT1C | 1" | 24V |

Professional Battery Diesel Pump Kits

- Suitable with diesel, HVO, empties a 205L drum in 5 mins.
- 40L/min, 4m battery cable with crocodile clips.
- Carry handle, on/off switch, bypass valve.
- UK made suction/delivery hose 6 metres in total.
- Aluminium nozzle with hose swivel.
- Complete kit for barrel/portable transfer.

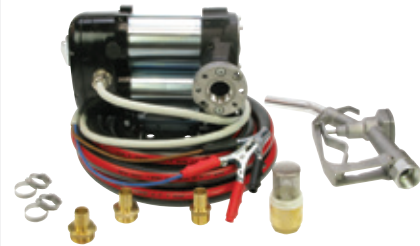
Maximum Run Time:
30 mins.



| 0225 | Voltage | LPM |
|------------|---------|-----|
| 12PA.KIT1B | 12V | 40 |
| 24PA.KIT1B | 24V | 40 |

High Speed Battery Diesel Pump Kits

- Suitable with diesel, HVO or biodiesel up to B30.
- Maximum Flow: 70 L/min. 12V.
- 1" BSPF inlet and outlet flanges.
- PIUSI Direct drive vane pumping unit with bypass valve.
- Switch, 4m long battery cable and crocodile clips.
- Weatherproof for outdoor use.
- Maximum run time: 30 mins.
- Kit includes 7m suction/delivery hose, foot valve and strainer.
- Choose manual or automatic nozzle kit.



| 0225 | Nozzle |
|----------|-----------|
| 12BIKIT | Manual |
| 12BIKIT2 | Automatic |

Battery Diesel Transfer Pumps

- Suitable with diesel, HVO and biodiesel up to B30.
- Ideal for mounting into plant equipment, excavators etc.
- Maximum Flow: 40 L/min.
- 3/4" BSPF ports.
- Choose 12V or 24V. 3/4" BSPF ports.
- Direct drive vane pumping unit with bypass valve.
- Foot mounting plate.
- Weatherproof to IP54 for outdoor use.
- Complete with switch, carry handle.
- 4m long battery cable and crocodile clips.

Maximum Run Time: 30 mins.



| 0225 | Voltage |
|-----------|---------|
| 12PA.BARE | 12V |
| 24PA.BARE | 24V |

ELECTRICAL TRANSFER PUMPS



Professional Diesel Transfer Pumps

- Suitable with diesel, HVO and biodiesel up to B30.
- Pumping speeds 50, 80 or 100 L/min. 230V.
- Direct drive, self priming, vane pumping units.
- 1" BSPF ports. Switch and 2m long mains cable.
- Integral filter and bypass.
- Weatherproof to IP55 for outdoor use.
- Continuously rated motor with thermal cut out.
- Full range of spares available.



2 YEAR WARRANTY

| 0225 | Voltage | LPM |
|---------|---------|-----|
| SPT60A | 230V | 50 |
| SPT80A | 230V | 80 |
| SPT100A | 230V | 100 |

230V Professional Diesel Pump Kits With Automatic Nozzle

- Suitable for use with diesel, HVO or biodiesel up to B30.
- Manual operated on/off switch.
- Pumping speeds choose 45 or 75 L/min option.
- Meter accuracy of +/- 2%. 4 digit resettable register.
- 8 digit non resettable totaliser.
- Weatherproof to IP55. Integral filter and bypass valve.
- 230V continuously rated motor with thermal cut out.
- 4m delivery hose.
- Supplied with automatic nozzle.
- Self priming pump unit.
- Dimensions 300mm H x 350mm W x 500mm D (including nozzle).

45 Litres per Minute: Ideal to fill cars/vans vehicles with small fuel tanks.

75 Litres per Minute: Ideal to fill vehicles with large fuel tanks.



2 YEAR WARRANTY

45 Litres per Minute

| 0225 | Nozzle |
|--------|-----------|
| ECON45 | Automatic |

75 Litres per Minute

| 0225 | Nozzle |
|--------|-----------|
| ECON75 | Automatic |

AIR OPERATED TRANSFER PUMP



Polypropylene Air Operated Diaphragm Pump

- 1:1 ratio. Max operating pressure 116 psi/8 bar.
- Rugged Polypropylene body.
- Viton diaphragm.
- Maximum solids pumped = 3mm diameter.
- Air inlet 1/4".
- Suitable for Adblue® and antifreeze.



BSPP

| 0225 | Thread | LPM | Seal |
|----------|--------|-----|-------|
| ADP.60PV | 3/4" | 60 | Viton |

Aluminium Air Operated Diaphragm Pump

- 1:1 ratio. Max operating pressure 116 psi/8 bar.
- Rugged aluminium body.
- Nitrile diaphragm.
- Maximum solids pumped = 3mm dia.
- Air inlet 1/4". 325mm H x 255mm W x 210mm D



BSPP

| 0225 | Thread | LPM | Seal |
|----------|--------|-----|---------|
| ADP.60AV | 3/4" | 60 | Viton |
| ADP.90AN | 1" | 90 | Nitrile |

Tech Sheet 10578

Pneumatic Pumps



Oil Pumps

| 0122 | Ratio | Description |
|-------|-------|--------------------|
| J100 | 01:01 | 940mm Suction Tube |
| J300S | 03:01 | 270mm Suction Tube |
| J500S | 05:01 | 270mm Suction Tube |

Tech Sheet 2053

MANUAL & COMPRESSED AIR TRANSFER PUMPS & KITS

Redashe

Hand Operated Fuel Oil & Liquid Pumps



LubeWORKS

Lubeworks Lever Hand Pump Fuel Oil

| 0122 | Description |
|----------|-----------------|
| J1703001 | Lever Hand Pump |



Lift Pump Polypropylene Fuel Oils

| 0122 | Description |
|------|-------------|
| HPLP | Lift Pump |

Driven Fuel Transfer Pumps



Portable Fuel Transfer Pump Kit 12V & 24V

| 0122 | Voltage |
|-----------|---------|
| J10304022 | 12V |
| J10304024 | 24V |



Fuel Transfer Pump

| 0122 | Description |
|----------|---------------|
| J1500451 | Transfer Pump |

Pneumatic Oil Pumps & Dispensers



Pneumatic Oil Pump Kit

| 0122 | Description |
|---------|--------------|
| J100TDG | Oil Pump Kit |



LubeWORKS

Wall Mounted Oil Dispensing Kit

| 0122 | Description |
|----------|--------------------|
| C808MODK | Oil Dispensing kit |



Fully Enclosed Fuel Transfer Pump

| 0122 | Description |
|----------|---------------|
| J1500450 | Transfer Pump |



Break Couplers for Fuel

| 0122 | Size |
|---------|------|
| ZBKV34N | 3/4" |
| ZBKV01N | 1" |

Oil Delivery

- Mobile oil dispensing units suitable for dispensing oil at medium/high viscosity, for mobile installations and fixed systems at medium distances. The drum trolley allows the system to be moved around the workshop with ease, giving increased efficiency. All items are available separately or in kit form.



Oil Delivery System

| Q225 | Description |
|------------------|---------------------------------------|
| JOS200 | Oil Delivery System with Hose Reel |
| JOS100 | Oil Delivery System without Hose Reel |
| Tech Sheet 60363 | |

- Pneumatic oil dispenser equipped with level gauge and delivery gun with flexible end.
- Works autonomously without the requirement of continuous connection to air supply.

Maximum Working Pressure:
10 bar



Oil Delivery System

| Q225 | Capacity Litres | Max Pressure Bar |
|------------------|-----------------|------------------|
| JPOD030 | 30 | 10 |
| JPOD065 | 65 | 10 |
| Tech Sheet 60364 | | |

- Self-contained oil pump supplied with a 16 litre (4.23 gallon) container with handle. Fitted with a 48" (4ft) fuel-resistant soft PVC hose with nozzle for clean discharge.

Features:

- 16 litre powder-coated container
- Variable handle setting for light or heavy fluids
- Recommended for transmission differentials and heavier oils
- Not suitable for water-based fluids or other corrosive media



Oil Delivery System

| Q225 | Capacity Litres |
|------------------|-----------------|
| ZOLP16 | 16 |
| Tech Sheet 60365 | |

Oil Drum Transportation



Drum Trolleys

| Q225 | To Suit |
|------------------|-----------------------|
| J1708001 | 12.5-50kg Drums |
| J1708003 | 205 Litre/180kg Drums |
| Tech Sheet 60362 | |