



# LIQUIDYNAMICS™

## FLUID HANDLING TECHNOLOGY

### OIL EXTRACTORS

These fluid extractors are a reliable and efficient method for removing fluids from most any engine, transmission, differential, transfer case or gearbox. They are extremely easy to operate and maintain and are ideal for use with automobiles, trucks, tractors, farm machinery, marine engines, forklifts, industrial machinery and various other small engines. Shop air supply at approximately 100 PSI @ 15 cfm is all that is required to create a vacuum. Once a

**WARNING:** Not for use with Diesel Fuel, Gasoline or Other Flammable Fluids

#### P/N 24224R

Compact fluid extractor has a tank capacity of 7.9 gallons and includes all the features of the larger extractors including the ability to be emptied by pressurizing the tank with approximately 10 PSI of shop air. Tank is equipped with a vacuum gauge

to easily monitor remaining vacuum level and a safety relief valve set to open at 14 PSI.

Shop air at 100 PSI and 15 cfm will create a full vacuum charge in approximately 45 seconds and will easily extract 4 to 5 gallons of used oil.



#### P/N 24271R

This model is functionally the same as model 24170 described above, except it includes a transparent chamber which allows the technician to immediately inspect the extracted oil for moisture or particulate contaminants prior discharging into the 21 gallon capacity tank below. Transparent chamber capacity is 3 gallons and can handle hot oil up to 248° F (120° C).

vacuum is created, these units are completely portable. All extractors are supplied with a set of six flexible probes and three adapters – adapters are designed to fit Mercedes, BMW and Volkswagen engines. Additionally, these extractors include a 6' suction and 6' discharge hose. Heavy gauge steel tank construction and powder coat finish ensure durability and long life.

#### P/N 24270R

Fluid extractor with a capacity of 21 gallons incorporates a large easy to read fluid level gauge and a handy vacuum gauge that clearly indicates remaining vacuum level. Application of 100 PSI shop air at 15 cfm will produce a full vacuum charge in approximately 1½ minutes which is capable of extracting up to 10 gallons without vacuum recharging. The unit is self-evacuated by applying 7 – 10 PSI of shop air to the tank via a 1/4" air supply fitting and directing the fluid discharge via the 6' discharge hose.

Standard equipment includes 6" diameter, ball bearing wheels, 4" swivel casters, convenient tool tray, padded handle, 6' length suction hose, six flex suction probes and three vehicle adapters.



#### P/N 24226

The 24226 Fluid Extractor has been developed to easily and safely remove Diesel Exhaust Fluid (DEF), antifreeze or water from on-board vehicle reservoirs in order to facilitate maintenance. It is extremely easy to operate and maintain and is ideal for use with automobiles, light trucks, generators, marine engines and various other small engines.

Two 60" flexible probes (6 mm and 8 mm) are supplied with each extractor allowing insertion into remotely located DEF reservoirs via the DEF fill port.



# MOBILE OIL DISPENSERS

## P/N 24127R

Hand operated oil dispenser with 7.9 gallon capacity is an excellent solution for dispensing or topping off smaller quantities of engine oil, gear oil, hydraulic fluid, etc. The heavy duty, lever action, hand pump dispenses approximately 8 oz. per stroke, four strokes per quart and has a 6' discharge hose with curved spout and ball valve to prevent siphoning. The tank is easily refilled via the included 6" funnel which attaches to the fill port and can be easily removed if desired.

The heavy gauge, powder coated steel tank is fitted with a large, easy to read, fluid level gauge, tool tray, padded handle and threaded plug to keep out contaminants, while the 5" inch dia. wheels provide easy control of movement.



## P/N 24127RM

Same as P/N 24127R above, except it includes P/N 100200 electronic meter to record amount of oil being dispensed. Meter can be easily switched from quarts to gallons, pints or liters. Register has a resettable batch total and non – resettable cumulative total. Uses 2 ea. AAA 1.5 V alkaline batteries. Cumulative and batch totals are retained in memory when batteries are changed.



P/N 100200

## P/N 24128R

Pneumatic oil dispenser has 7.9 gallon capacity and is perfect for dispensing or topping off fluids such as engine oil, gear oil, transmission fluid, hydraulic fluid, etc. Simply fill the 7.9 gallon (30 Liter) tank approximately 2/3 full and pressurize the tank with shop air up to 100 PSI and you are ready to dispense fluid via the 6' discharge hose and control handle fitted with a manual non drip tip. The tank can be easily refilled via the included 6" funnel which attaches to the fill port and can be easily removed.

The heavy gauge, powder coated steel tank is fitted with a large, easy to read, fluid level gauge, tool tray, padded handle and threaded plug to keep out contaminants, while the 5" inch dia. wheels provide easy control of movement.



## P/N 24128RM

Same as P/N 24128R above, except it includes P/N 100200 electronic meter to record amount of oil being dispensed. Meter can be easily switched from quarts to gallons, pints or liters. Register has a resettable batch total and non – resettable cumulative total. Uses 2 ea. AAA 1.5 V alkaline batteries. Cumulative and batch totals are retained in memory when batteries are changed.

## P/N 24130R

Hand operated mobile oil dispenser with 21 gallon capacity, supplied complete with heavy duty hand operated hand pump, 6 ft. discharge hose with discharge shutoff valve and curved spout. Discharge is approximately 4 strokes per quart.

Heavy gauge steel tank is fitted with a large, easy to read, fluid level gauge, drain valve, sintered bronze air vent, tool tray and padded handle. Powder coat finish provides a long lasting durable finish, 6" dia. ball bearing wheels allow easy maneuvering.



## P/N 24130RM

Same as P/N 24130R above except it includes P/N 100200 electronic meter to record amount of oil being dispensed. Meter can be easily switched from quarts to gallons, pints or liters. Register has a resettable batch total and non – resettable cumulative total. Uses 2 ea. AAA 1.5 V alkaline batteries. Cumulative and batch totals are retained in memory when batteries are changed.

## P/N 24135R

Mobile air operated oil dispenser with a 3:1 ratio pneumatic pump provides up to 4 GPM flow rate for most any lubricants such as engine oil, hydraulic oil, transmission fluid, gear oil, etc. Dispenser is complete with 3:1 ratio pump, air filter/regulator with gauge, 1/2" x 12' discharge hose and control handle.

Heavy gauge steel tank is fitted with a large, easy to read, fluid level gauge, drain valve, sintered bronze air vent, tool tray and padded handle. Powder coat finish provides a long lasting durable finish, 6" dia. ball bearing wheels allow easy maneuvering.



## P/N 24135RM

Same as P/N 24135R above except it includes P/N 100200 electronic meter to record amount of oil being dispensed. Meter can be easily switched from quarts to gallons, pints or liters. Register has a resettable batch total and non – resettable cumulative total. Uses 2 ea. AAA 1.5 V alkaline batteries. Cumulative and batch totals are retained in memory when batteries are changed.

