

## PURELUBE FILTER SYSTEMS

To ensure efficient filtering, Liquidynamics uses 5 layer, high performance filter elements, which have exceptionally high contaminant holding capacities while also achieving Beta ratios exceeding 200. This ensures reaching your target ISO fluid cleanliness levels while maintaining high fluid quality and superior system longevity. These elements are available in cartridge and spin-on styles for both particulate and water removal applications.

### 20 GPM Absolute Filtration Cart

P/N **33276**

Practical, versatile and reliable are some of the ways to describe this Filter/Transfer Cart.

Versatile plumbing allows this cart to be used for bulk transfer at up to 20 GPM, as well as filtration, by simply opening and closing a couple of valves. With its well designed features and sturdy construction, this cart is eminently practical.

Engineered reliability is evident from the heavy gauge 1" steel tubing construction, powder coated for durability. Easy maneuverability is assured with 10" pneumatic tires. Unit is supplied with unique probe/discharge nozzle retainer/drip catch system.

The cart is equipped with a 10' suction hose, 20' discharge hose and 4' suction

and discharge probe. Hose and probes are fitted with cam and groove fittings to allow easy connection/disconnection. Probes are easily stored in the handy drip receptacles while the hoses can be coiled on the provided retainers. Optional fluid sample ports may be added before and/or after the filter as desired. Differential pressure gauges are provided to allow monitoring of filter condition.

### 20 GPM Absolute Filtration Cart w/PowerMaster Control

P/N **33276-P**

Same as P/N 33276 but includes PowerMaster option. See page 96 for features and benefits of the PowerMaster control option.

P/N **33276L-P**

Same as P/N 33276 but includes PowerMaster option and parallel filters. See page 96 for features and benefits of the PowerMaster control option.



P/N 33276 shown w/ series filtration



### Three Speed Cart with PowerMaster and Filtration

P/N **33384P**

This unique, 115 VAC heavy duty cart is designed to transfer and/or filter a wide variety of oils and hydraulic fluids up to 4,900 cps, which includes 80-90W gear oil down to 40°F.

The 3 speed gear box allows you to transfer lighter viscosities at up to 40 GPM in third gear, 20 GPM in second gear for medium viscosities, while first gear will allow up to 10 GPM for heavy viscosities. The PowerMaster provides additional flow rate control within each selected gear as well as automatically adjusting pump speed to prevent circuit breaker tripping. An optional differential pressure sensor is also available, which allows the operator to set the optimum differential pressure across the filter elements. The PowerMaster will then automatically control pump speed to maintain this preset pressure differential, thus prolonging filter life and ensuring optimum filtration efficiency.

The onboard Weights and Measures approved meter with automatic air eliminator provides accurate fluid measurement and can be ordered with an optional ticket printer and/or preset capability.

The cart is supplied with a 12 gauge x 20' power cord, manual high flow nozzle, 2" x 10' suction hose and 1½" x 15' discharge hose. Hoses and cart are fitted with camlock fittings to allow easy connection/disconnection.

The cart frame is constructed from 1/4" plate steel for strength and rigidity and powder coated for durability. Large 10" pneumatic casters and wheels provide maneuverability and reliability.



P/N 33384P shown

### Replacement Filter Media

For use with P/N 33276, 33276-P, 33273-1, 33273-1A, 33273-2, 33273L-2, 33276LL-P, 33278, 33351 and 33352 Filter Systems.

These high efficiency filter canisters are designed to meet a full range of filtration requirements. They use an exceptionally durable and highly efficient proprietary 5 layer synthetic media that assures trouble free operation for all hydraulic and lubrication oil applications. With Beta ratios exceeding 200, pressure rating of 150 PSI (Element diff. pressure collapse) and exceptionally high dirt holding capacities, these elements are the best choice for achieving target fluid cleanliness levels while maintaining high fluid quality.

P/N **71246-03**

For target fluid cleanliness Level of 16/14/12 or better

P/N **71246-05**

For target fluid cleanliness Level of 18/16/14 or better

P/N **71246-10**

For target fluid cleanliness Level of 20/18/15 or better

P/N **71246-20**

For target fluid cleanliness Level of 22/19/16 or better

P/N **71246-10W**

For water absorption and cleanliness Level of 20/18/15