

PURELUBE FILTER SYSTEMS

Liquidynamics PureLube Filter Systems offer excellent solutions for fluid filtering applications by providing a wide selection of filter carts, mini carts, portable hand carry systems and custom designed systems. These filter carts are designed to handle a broad range of viscosities and flow rates in order to efficiently and economically filter small, medium and large capacity gear boxes, reservoirs and storage tanks.

For high viscosity applications, Liquidynamics uses "Depth" type filters that provide efficient particulate removal via long flow paths which, achieves low micron filtration in the 1 to 3 micron range. These filters are also efficient for removing water at up to 1 gallon per element. Choose your filter element below to best fit your application.

High Viscosity Filter Cart

P/N **33277**

For absolute filtration of high viscosity fluids up to and including ISO 680, this is the solution. Two Depth Filters plumbed in parallel provide a large surface area which allows very slow movement of fluid for effective filtration of particles in the 1 to 3 micron range along with water removal of up to 1 gallon of water per element.

The heavy gauge 1" steel tubing cart frame is powder coated for strength and durability, 10" pneumatic wheels provide easy control and movement. Standard equipment includes 5 GPM internal gear pump with 2 HP, 115 VAC motor, 1" x 10' suction hose with 4' probe, 1" x 15' discharge hose with probe, cam and groove hose connections, filter pressure gauges and probe/discharge nozzle retainer/drip catch system.



High Viscosity Filter Cart w/PowerMaster Control

P/N **33277-P**

Same as P/N 33277 but includes PowerMaster option. See page 96 for additional information on PowerMaster features and benefits.



Replacement Filter Elements

For use with P/N 33277 and 33277-P High Viscosity Filter Carts.

P/N **71460-4**

Four section filter for use with medium weight oils, ISO 32 through 68, such as mineral and synthetic hydraulic, dielectric, turbine oil, lubricating oils and cutting oils, 2-6 micron filtration.

P/N **71460-6**

Six section filter for use with medium weight lube oils, ISO 68 through 150.

P/N **71460-8**

Eight section filter for use with heavy weight lube oils, ISO 150 through 680.

4 GPM Absolute Filtration Cart

P/N **33278**

This 115 VAC filter cart is a perfect solution for filtering or transferring light to medium viscosities up to 2,000 centistoke (80/90 gear oil at 500 F) at 4 GPM. The cart is supplied with two high efficiency filters plumbed in series allowing you to cut in half the time it takes to circulate and reduce your fluid cleanliness by one ISO level. Alternatively, you may select a dewatering filter for the first filter and a particulate filter as the second filter, thus solving two problems in one pass. This cart can also be used to transfer fluid without filtration by simply switching two valve positions. When ordering this cart, please specify which filters you would like from those shown at the bottom of page 99, i.e.; 71246-03, 71246-05, 71246-10, 71246-20 or 71246-10W.



3/4" x 12' suction and discharge hoses are included and have convenient cam and groove couplings at each end to allow easy connection/disconnection. An inlet strainer protects the pump from damage. The Cart is constructed of heavy gauge 1" steel tubing for strength and powder coated for durability, large 10" pneumatic tires provide easy maneuverability.

