



**PERFECT  
FILTRATION**  
S Y S T E M S

## ULTIMATE BY-PASS KINDEY LOOP ENGINE OIL FILTRATION SYSTEMS

Everyone knows the #1 cause of engine oil break down and engine component wear is due to water, coolant intrusion, and solid particles smaller than 10-micron in size.

THE ULTIMATE SYSTEMS WILL REMOVE THESE HARMFUL CONTAMINANTS!



Model U-1000L installed on a CAT engine. The customer was changing engine oil every 250 hours and with the added high quality filtration they are changing oil every 1,000 hours. Oil analysis determined the new service interval

### How do the by-pass systems work?

The 3-micron by-pass filtration systems are designed to filter a small percentage of the oil at a time. We tee into a pressure plug on the engine block for the oil pressure into the filter housing. Once the oil is filtered through our patented depth-type filter element, it is returned back into the oil sump ultra clean and water free.

### What does the 3-micron system remove?

The system removes water and solids particles. The filters use absorption and direct inception to trap and remove the water and solids. Depth-type filters are known to be the most efficient filtration method available today.

### Why do I need better filtration?

Because your current full-flow pleated paper oil filter will not remove high amounts of water and does not remove the small wear causing solid particles. If the water and small particles are not removed on a continuous basis your silt, soot, sludge, and oxidation levels will increase and then the additive package of the oil will start to deplete. The oil will become an acidic, abrasive slurry running through your engine causing component wear and eventually component failure.

**We guarantee to reduce your oil drain service intervals by at least 50%.**

### **PRODUCT FEATURES & BENEFITS:**

- \* Removes 99.9% of the free and emulsified water
- \* Removes the majority of the solids
- \* 3-micron depth-type filter element
- \* Long depth-type filter life
- \* Lower silt, soot, and acid numbers
- \* Longer OEM filters life
- \* Quick return on your investment
- \* Greatly reduces engine component wear
- \* Longer oil life
- \* No more worries about missing service intervals
- \* Higher engine performance
- \* Less downtime and more production
- \* Added make up oil = Cooler running engine
- \* Filter has large water and solid holding capacity
- \* Easy installation and filter servicing
- \* Reduce oil drains by at least 50%
- \* Recommended by some OEM's
- \* Installed on thousands of systems
- \* Lower maintenance & operating costs
- \* Does not affect oil additives
- \* Continuous filtration during operation
- \* Will not affect OEM warranty



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## ULTIMATE BY-PASS KINDEY LOOP ENGINE OIL FILTRATION SYSTEMS



Model U-1000L



No more worries about missing service intervals



Engine oil, Diesel fuel, and Hydraulic filtration



Lower silt, soot, and acid numbers in the oil

MODEL	DIMENSIONS D X W X L	WEIGHT	OIL SUMP SIZE	FILTER#	MAKE UP OIL	MAXIMUM PRESSURE	WATER CAPACITY	SOLID CAPACITY
U-150L	8" X 8" X 14"	28Lbs	Up to 12 Quarts	7132	4 quarts	80 psi	1 Quart	2-3Lbs
U-500L	10" X 12" X 14"	36Lbs	12 - 20 Quarts	7332	12 quarts	80 psi	½ gallon	4-5Lbs
U-1000L	10" X 12" X 24"	55Lbs	20 – 55 Quarts	7534	20 quarts	80 psi	1 gallon	8-10Lbs
U2-1000L	10" X 24" X 24"	110Lbs	550 – 110 Quarts	(2)- 7534	40 quarts	80 psi	1 gallon each	8-10Lbs each

All systems include:

Black powder coated bolt down cover housing , filter, mounting bracket, and pressure gauge.



### Cellulose Depth-type Filter Media

#7132 - 5" x 10"- 3-Micron. Filter Performance B3<(c)=200

#7332 - 7" x 15"-3-Micron. Filter Performance B3<(c)=150

#7544 - 7" x 19 3/4"- 3-Micron. Filter Performance B3<(c)=150

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