

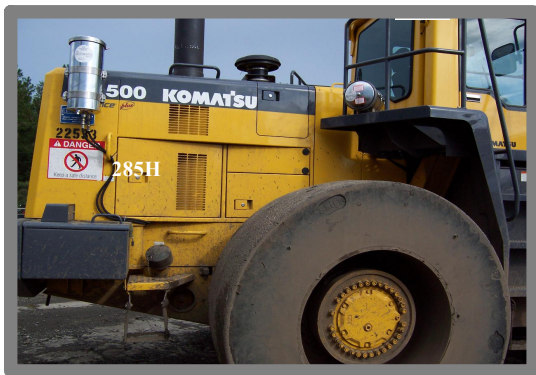


**PERFECT  
FILTRATION**  
SYSTEMS

**THE SYSTEM WILL HELP EXTEND THE LIFE OF YOUR ENGINE OIL, OEM OIL FILTERS, AND THE ENGINE.**

## ULTIMATE ENGINE OIL FILTRATION SYSTEMS

US Patent #5271850



Model U-1000L protects this Komatsu loaders engine against water and component wear. Changing oil every 1,000 + hours.

**GREAT PRODUCT!**

The 3-micron absolute by-pass filtration system is designed to filter a small percentage of the engine oil at a time through a dense depth-type filter media. You can expect longer oil life, less engine wear, longer engine life, lower maintenance costs, and a quick return on your investment.

### PRODUCT FEATURES & BENEFITS:

- \* Removes 99.9% of the water
- \* Removes the majority of the solids
- \* 3-micron depth-type filter element
- \* Long depth-type filter life
- \* Lower silt, soot, and sludge levels
- \* Patented proven product
- \* Quick return on your investment
- \* Greatly reduces engine wear
- \* Longer oil and engine life
- \* Better fuel economy
- \* Higher engine performance
- \* Less downtime and lower maintenance costs
- \* Cooler running engine
- \* Replace the PFS filter every 30,000 miles or every 1,000 hours.
- \* Easy installation and filter servicing
- \* Reduce oil drains by at least 50%.
- \* Fewer harmful emissions
- \* Does not effect OEM warranty per Federal Law.
- \* Environmentally friendly product
- \* Continuous filtration during operation
- \* Will not affect OEM warranty

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

The patented 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 systems take out 99.9% of the water and remove solid particles down to 1 micron in size. The filters use both absorption and direct inception to trap and remove the water and solids. The depth-type filters are 1 micron nominal or 3 micron absolute filter. Depth-type filters are known to be the most efficient filtration method available today.

### How long will the oil last?

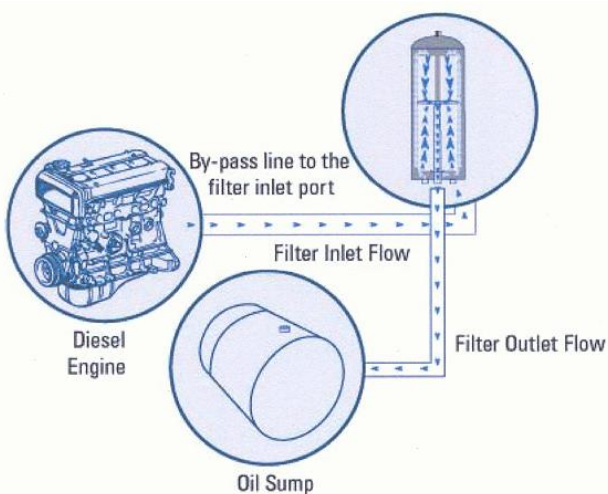
We have customers going 100,000 miles + and 3,000 + hours in between oils drains. We recommend oil analysis to determine oil drain service intervals. Let the lab analysis test results dictate your new service interval instead of the miles or hours of operation. We guarantee to reduce your oil drain service intervals by at least 50% or your money back.

### 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.

**FACT:** The #1 cause of component wear and failure is due to water and solid particles smaller than 7 micron in size. Pleated paper filters will not provide the proper protection.

**FACT:** Oil does not wear out; it just becomes dirty and contaminated and loses its lubricating qualities. Keep the contaminants out and the oil will last many times longer.



**Vital Protection for Machines Since 1981**



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



The Ultimate 1 micron by-pass engine oil filtration systems can be installed on any gasoline or diesel engine. We have installed thousands of systems on over-the-road vehicles and truck fleets. The systems will protect your expensive engine against water and component wear. You can expect longer oil life, longer OEM filter life, longer engine life, cooler running engine, high engine performance, fewer emissions, and many times better fuel mileage. Change the PFS filter once a year or every 30,000 miles.



The Ultimate systems have helped to reduce maintenance and operating expenses since 1981. Our customers are experiencing fewer oil purchases, fewer filter purchases, lower disposal fees, fewer oil drains, fewer engine repairs, higher engine performance, and a quick return on their purchase. Who can expect to reduce oil drains and extend engine life. Just change the PFS filter every 1,000 hours and enjoy cleaner oil longer.

Our products are even recommended by, distributed by, and used by some heavy equipment manufacturers.

MODEL NUMBER	FILTER ELEMENT	MICRON RATING	SOLID HOLDING CAPACITY	OIL SUMP SIZING	MAKE OIL REQUIRED
L-61	0698	3-Micron Absolute	1/8 - 1/4 lb	up to 8 quarts	1 quarts
750-S	900014	3-Micron Absolute	1/2 - 1 lb	up to 12 quarts	2 1/2 quarts
U-150L	7142	3-micron Absolute	2- 3 lbs	up to 12 quarts	4 quarts
U-500L	7342	3-Micron Absolute	3- 5 lbs	12 to 20 quarts	12 quarts
U-1000L	7542 or 7544	3-Micron Absolute	8- 10 lbs	20 to 55 quarts	20 quarts
U-2-1000L	(2)-7542 or (2)-7544	3-Micron Absolute	8- 10 lbs each	55 to 100 quarts	40 quarts

**\* We Guaranteed to reduce oil drains by at least 50% \* Expect longer oil life and engine life \***



PFS patented depth-type filter elements will greatly extend the life of your engine oil and extend the life of your engine guaranteed.

**Start using state of the art filter technology today!**



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S Y S T E M S



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