


Benefits:

- Extends oil life 5 - 15 times (75,000-250,000 miles)
- Keeps oil clean at all times
- Reduces oil changes
- Reduces oil disposal
- Increases fuel economy
- Extends engine life up to 50%*
- Reduces downtime
- Environmentally friendly 

* A recent study by Lecce University on 103 Trambus buses in Rome, Italy indicated approximately a 50% increase in engine life on engines equipped with Premo-Plus® Bypass Filtration Systems where we filtered the oil down from 25-40 to 3 microns.



Testimonials:

Jim Fuller – Wolfcreek Trucking

Mt. Vernon, IL

"I have Premo-Plus® on my 2005 Kenworth. It has 900,000 miles with Premo-Plus® installed 400,000 miles ago. I change Premo filters every 30,000 miles and do an oil analysis every 15,000 miles. With the Premo Plus® filtration and doing scheduled oil samples, I saved at least 2/3 on maintenance costs and have a very, very clean engine. A clean engine equals less wear on bearings and other parts. My truck has the original turbos due to having a clean engine with an excellent filtration system. Having the cleanest engine possible is very important to me."



Bob Glock – Shippers Interstate Express LLC

Mt. Vernon, IL

"Just a note on your awesome oil by-pass filter. It is doing an amazing job of keeping the oil clean in our over the road tractors, as well as preserving the additive package added to the oil to prevent wear and contamination. We have been able to significantly decrease our oil changes while keeping our engine oil 10X cleaner than without the Premo-Plus®. In today's tough economy this translates into pure dollars on our bottom line. Today revenue rates are extremely depressed and the only way to put dollars on the bottom line is to cut expenses. Your by-pass filter is putting more dollars on the bottom line per dollar investment than anything we have done."



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Premo-Plus

Bypass Oil Filtration System ®

It's like changing your oil every 2-4 hours



Trucks • Marine • Agriculture • Construction • Generators

How it Works:

The Premo Plus® unit can be easily installed on virtually any diesel or gas engine as a bypass filtration system, not affecting the normal engine full flow oil system. Oil enters the inlet port at the side, under the normal operating pressure. It is then channeled down through the spin-on, absolute 3 micron filter where dirt and wear metal particles are trapped. Free of dirt and wear metals, the oil then flows up through a metering jet that allows 4 to 5 gallons of oil per hour into the evaporating chamber where it flows over an electrically heated surface in a fine thin film. Dirt free oil is heated to 195F degrees and the fuel dilution and water contaminants are evaporated and discharged through the upper vent tube. Clean and re-refined oil returns to the engine by gravity. The repetition of this cycle, as your engine is running, guarantees a clean engine at all times and insures longer life (up to a 50% increase) and reduced maintenance costs. To put it simply, your engine is running on clean oil.....every day, every mile.

Premo-Plus® filters are constructed with synthetic fibers. This means 99.7% of particles 3 microns and larger are removed on each pass through the filter. Typical paper lube filters allow harmful 25-40 micron particles to pass unfiltered through the engine, creating wear. **USING PREMO-PLUS® FILTERS IS LIKE CHANGING YOUR OIL EVERY 4 HOURS.**



Premo-Plus®

Bypass Oil Filtration System

Contaminant description



Contaminated oil before filtering



Oil filtered of liquid and solid contaminants. Microspheres from 0 to 3 microns as a result of the special filtration. 3 micron particles serve to remove the laquer incrustations on the engine as well as polish the metal surface. They do not cause wear.



Acid contaminants - we do not have them as we remove the water that would react with the sulfur in the oil.



Wear metals responsible for wear and increase in temperature



Condensation and water from the oil itself



Unspent fuel

Description of the Premo Filter

1. Entrance of the oil and valve for oil sampling
2. Special spin-on filter cartridge ISO rated 16889 B3>200 at 3 microns (99.7% efficient at 3u)
3. Pressure reducer hole for the filtered oil particles that might block the entrance to the evaporation chamber.
4. Plexiglass cover to see the flow of the oil in the evaporation chamber after the filtration of the particulates over 3 microns.
5. Heater element with rapid thermal initiation
6. Evaporation chamber for the liquid contaminants by means of evaporation tube.
7. Return of clean filtered oil to the reservoir.

