A Good By-Pass Can Go a Long Way ***LubeDoc 32***

Some of the benefits when running a "By-Pass filter" are:

1. Soot Removal
2. Reduced Waste Oil
3. Reduced Oil Usage
4. Less Environmental Pollution
5. Extended Engine Life
6. Lower maintenance cost
7. Maximum dirt holding capacity of off line element
8. If a system is kept running, the fluid will be clean at every start up

When an engine or hydraulic system runs clean 100% of the time, engine wear and pump wear is significantly reduced. You can routinely expect more than double the historical or expected life of the equipment. Additional filtration offers a means of cleaning the oil 100% of the time. A factory full flow filter has too high of a flow rate to actually clean the oil. In fact, most factory filters will protect the engine or hydraulic system from large damaging particles up to 25 micron. After 25 micron, the particles are too small to be picked up by the main filter.

General Motors published a chart that represents a test on Detroit Diesel Engines to determine wear rates vs. lube oil contaminant levels. This test revealed, wear rates are 8 times less when lube oils are filtered to just 5 microns. The "By-Pass" filter in conjunction with the main full flow filter allows the oil to pass through a dense element, which offers finer filtration to clean the oil and not remove any detergents.

When it comes right down to it, cleaner oil will make your equipment run more efficient, letting you and your company save money and reduce down time.