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You might look at a bypass filter as an addition to your engines security system. Your regular oil filter passes the full flow of oil from the pump and removes particles bigger than about 20 microns left in the oil, particles can contribute to ring, liner and bearing wear. Particles can also contribute to engine deposits, which can hurt performance and oil consumption.

If the regular filter were designed to filter Smaller particles there would be a risk of insufficient flow through the engine as particles accumulated. In fact, regular filters come equipped with a relief valve, to allow some of the oil to bypass them completely. So, the proper flow of oil is maintained to protect the engine, even if the filter media accumulates enough material to cause an excessive pressure drop across the filter.

Bypass filters are an addition to the regular oil filter. They take only a portion of the oil pumps flow, and can therefore be more efficient in removing even smaller particles. Eventually, all of the oil gets circulated through the bypass filter. Removing particles smaller than 20 microns is another step in reducing the risk of engine wear, and can also help in reducing risk of oil viscosity increase.

A side benefit of a bypass filter is that it usually increases the amount of oil (extra lines and canister) necessary to fill the engine oil system. More oil means contaminants are less concentrated and less likely to cause harm to the engine. More oil also means more additives are available to neutralize contaminants and protect vital engine parts.

Bypass filters can add to your line of defense against engine wear and deposits, helping to maintain engine performance and long engine life. When it comes to providing you with security for your engine a quality filtering system goes a long way
But then, so does a quality oil,
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