

Spectra Watermakers Technical Bulletin

PP-1 Oil Pump Delete

Pearson pumps manufactured up to early 2016 included an oil pump and filter. After reviewing data from the past 5 years of field operation we have come to the conclusion that the oil pump and filter combination is not adding any value to the Pearson Pump.

We have several OEM customers that have chosen to delete the oil pump and filter and we can see no measurable difference in the overall performance of the crankcases. We have not had a single crank case failure related to a lubrication problem since the introduction of the Pearson Pump in 2009 there is no indication in our data that the oil pump and filter have increased the service life of the systems. The oil pump filtration system was the root cause of several oil leaks which lead to premature crankcase failure.

Our recommendation is to eliminate the oil pump from systems and plug the crankcase ports.

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