

TECH TIPS

EXTENDING OIL DRAIN INTERVALS

Filters Designed to Match OE Recommended Intervals.

Extending oil drain intervals can save money, reduce service downtime and lessen the disposal of used oil and filters. However, extending oil drain intervals should be done deliberately and only by following recommended procedures to protect the life of your engine.

The appropriate service interval will vary based on oil grade, specific equipment and the severity of service. Your Baldwin Territory Manager can help you with the process of determining the optimal service interval for your particular situation.

If you have already gone through this evaluation process with your dealer, and the OE filter has been judged suitable for a defined extended service interval, then the corresponding Baldwin filter will perform equally as well (or better) under the same circumstances. **All OE recommendations and procedures must be followed.** This includes, but is not limited to, the use of a systematic oil analysis program.

Oil Analysis

Unlike other filters that are changed when they reach a defined differential pressure, oil filters should be changed based on the condition of your oil. Only an oil analysis can tell you the amount and type of contamination in your lube oil.

An oil analysis is an important tool not only for measuring total contamination levels, but also for diagnosing potential part wear before a failure occurs.

Extended Life Filters

Caution must be taken to ensure that oil filters are changed regularly, to prevent unfiltered oil from bypassing the filter media. This is especially important when extending oil drain intervals.



In order for a filter to be a true “extended life” filter, it must meet several criteria:

- Adequate filter capacity so the by-pass valve does not open
- Robust construction (including media, gasket, seals and adhesives) to withstand the rigors of high temperatures, pressure spikes and vibration, and to last the entire service interval without degradation
- Chemical compatibility of all materials, to prevent leaks or cause materials to break down and flow downstream

Baldwin oil filters are tested well beyond industry standards not only for efficiency and capacity, but also for chemical compatibility and performance over time, temperature, vibration, pressure spikes and environmental conditions that filters are subjected to in the harshest of conditions.

Please be sure to use the Baldwin cross-reference tool and application guide to ensure you have the correct Baldwin cross to the OE filter.

