

Caterpillar Fuel Filters

Newer Caterpillar engines equipped with electronic fuel injection systems previously using the BF7525 now use the Baldwin BF7633 (Caterpillar 1R0750), while the older Caterpillar engines with mechanical fuel injection systems still use the Baldwin BF970 (Caterpillar 1P2299).

The BF7525 provided a direct replacement for the Caterpillar 1R0740 fuel filter. The 1R0740 was considered an upgrade to the Caterpillar 1P2299 fuel filter because it provided longer service life. Baldwin Filters met the performance of the 1R0740 by designing the BF7525 with the capacity to provide 20% longer service life than the BF970. However, the design of the BF970 fuel filter eventually evolved to match the service life of the BF7525. The current BF970 and BF7525 utilize the same filtering element, providing equal filtration efficiency and filter service life. With the performance of these two filters being equal, the logical choice is to obsolete one of the part numbers to save on inventory and manufacturing costs.

Caterpillar's introduction of the 1R0750 provided a high efficiency fuel filter that is now used in place of the 1R0740 on Caterpillar engines equipped with electronic fuel injection systems.

Please refer to Engineering Bulletin 98-2 for more information regarding the high efficiency fuel filters. Since the 1P2299 is still used on Caterpillar engines

with mechanical fuel injection systems, there was no need to continue the 1R0740 fuel filter. Therefore, Caterpillar discontinued the 1R0740. In response to Caterpillar's action, Baldwin Filters chose to obsolete the BF7525 and continue the BF970. This also allows us to consolidate two identical part numbers into one and remain consistent with Caterpillar's recommendations.

Please make note of this change in your current Baldwin Filters Application Guide and look for these changes in your future orders of Baldwin filters.

Performance Testing: Fuel		
SAE J905 Test	Efficiency %	Capacity (g)
BF970	90.56	13.2
1P2299	86.39	4.3

Caterpillar Fuel Filter Replacements

- Caterpillar 1P2299 = Baldwin BF970
- Caterpillar 1R0740* = Baldwin BF7525*
- Caterpillar 1R0750 = Baldwin BF7633

* = Obsolete

**If you have further questions,
 please contact our
 Service Engineering Team at (800) 822-5394.**