

# Baldwin Does Not Meet Cummins Specifications: Trust Only Fleetguard To Offer OEM Quality Filtration

After extensive laboratory tests on four Baldwin fuel filter crosses compared to four OE first-fit Fleetguard filters, results showed that the Baldwin filters **DO NOT** meet Cummins specifications. The following two tests used SAE standard procedures for accurate measurements as per Cummins specifications.

- The Single Pass Efficiency Test used SAE J1985 that measures the capability of fuel filters to retain solid particles
- The Dust Capacity Test used SAE J905 that measures the capability of fuel filters to hold fine test dust.

Only the Fleetguard filters met and exceeded OEM specifications. The following test results prove why Fleetguard is the first-fit filter.

## BF1212

Single Pass Efficiency Test 20 micron	
BF1212	92%
FS1212	96%
Cummins spec	96%

Dust Capacity Test 90 GPH	
BF1212	23 gm
FS1212	23 gm
Cummins spec	22 gm

## BF957

Single Pass Efficiency Test 20 micron	
BF957	94%
FF105	96%
Cummins spec	96%

Dust Capacity Test 90 GPH	
BF957	14 gm
FF105	14 gm
Cummins spec	13 gm

## **BF1277**

Single Pass Efficiency Test 25 micron	
BF1277	93%
FS1040	99%
Cummins spec	99%

Dust Capacity Test 150 GPH	
BF1277	65 gm
FS1040	110 gm
Cummins spec	104 gm

## **BF1274**

Single Pass Efficiency Test 10 micron	
BF1274	69%
FS1007	99%
Cummins spec	99%

Dust Capacity Test 150 GPH	
BF1274	61 gm
FS1007	110 gm
Cummins spec	104 gm

SAE test procedures are very specific for heavy duty filtration. It is key that the proper fluid, dust, flow rate, etc. be used correctly as per these procedures. Should these procedures not be followed, the results become unrepeatable and irrelevant. Also, dust capacity results from different SAE tests cannot be compared. It is common for many competitors to use automotive tests as opposed to heavy duty tests.

The same issue occurs with efficiency tests. Almost all of the major OEMs specify with a single pass efficiency test. This is the most difficult test, since the filter only has one chance to catch the particle. In contrast, some competitors use a multi-pass test, which gives the filter multiple opportunities to catch particles. The same filter by single pass might be 98.7% efficient at 7 microns via single pass and 98.7% efficient at 5 microns via multi-pass. Keep this in mind when comparing filters and reading test results.

For more information, call Customer Assistance  
at **1-800-22FILTER** (1-800-223-4583), fax 1-800-999-8664  
or visit us at [www.fleetguard.com](http://www.fleetguard.com) 24 hours a day!

