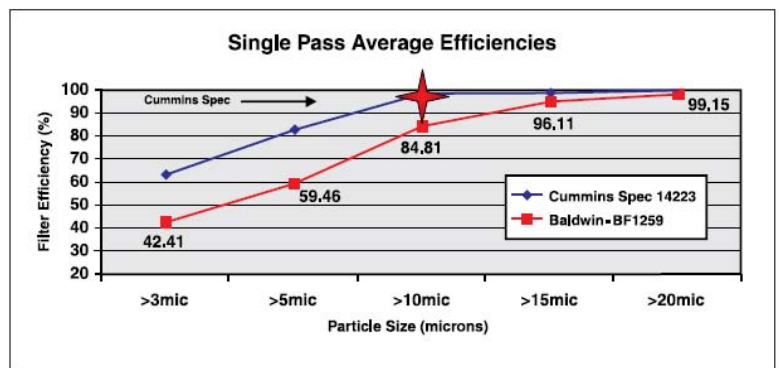




# Baldwin BF1259 Does Not Meet Cummins Specifications for FS1000

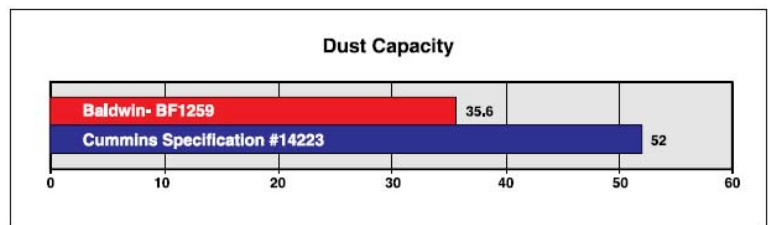
## Efficiency

Today's high-pressure fuel systems demand high efficiency filtration at small particle sizes. Without quality filtration, INJECTOR FAILURES will result, costing you high dollars. **Cummins Minimum Spec. #14223-98.7% Efficient @10 microns**



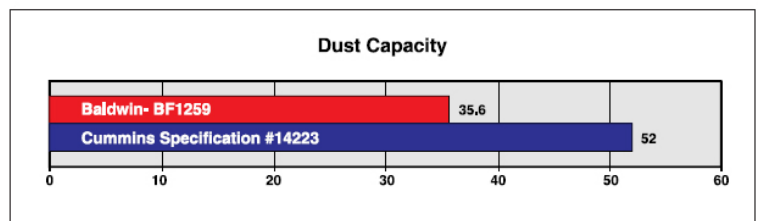
## Capacity

When engines require finer filtration, the need for capacity increases as well because there are more small particles than large ones. Without capacity, filters will plug early, causing INCREASED ROAD CALLS. **Cummins Minimum Spec. #14223-52 grams**



## Emulsified Water Separation Efficiency

Emulsified Water will cause injector tips to WEAR OUT PREMATURELY. Today's high pressure fuel systems demand high efficiencies in emulsified water separation. You should, too! **Cummins Minimum Spec. #14223-95% Efficient**



# Why Does Baldwin Not Follow Cummins Specifications For Testing?

Baldwin uses a completely different test from Cummins specifications. This test fails to test performance at different micron sizes which is required per Cummins specifications. Their testing method can give misleading results.

Contaminant Removal Efficiency		
	Cummins Specification	Baldwin Test*
Test Method	SAE J1985	SAE J905
Flow Rate	90 gph (5.7 L/min)	120 gph
Measurement Method	Count Particles	Weight Change

Higher flow rates and termination pressures can influence test results.

**Baldwin's own testing shows their product fails to meet Cummins specifications for capacity\*.**

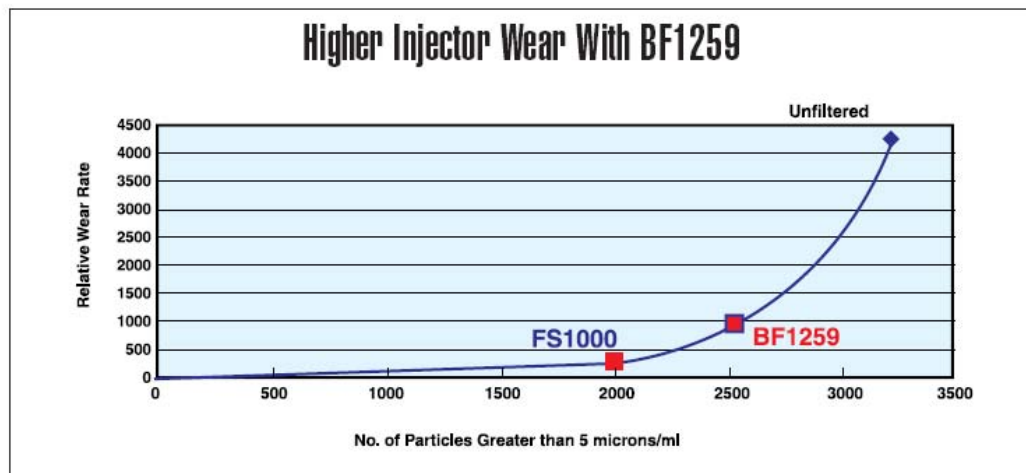
Capacity		
	Cummins Specification	Baldwin Test*
Test Method	SAE J905	SAE J905
Flow Rate	90 gph (5.7 L/min)	120 gph
Termination Pressure	3.91 psid (27 kPa)	5 psid

<sup>1</sup>The Cummins engine will see a maximum flow of 90 gph. All filters will perform in the 98% range for emulsified water removal capacity when the flow rate is reduced to 30 gph (well below engine flow rate). Therefore, very differently performing filters can appear equal in performance. Finally, the BF1259 decreases in water removal efficiency over time.

Emulsified Water Removal Efficiency		
	Cummins Specification	Baldwin Test*
Test Method	SAE J1488	SAE J1488
Flow Rate	90 gph (5.7 L/min)	(???) <sup>1</sup>

\*Baldwin Test data based upon Baldwin Form 326 (1996 Baldwin Filters).

Through a special testing procedure called SLA (Surface Layer Activation), we can test the wear on a specific engine part with a small dose of radiation. The chart illustrates the additional wear of the Baldwin BF1259 on your injectors.



For more information, visit us at [cumminsfiltration.com](http://cumminsfiltration.com)

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