



Venturi™ Combo Lube Filter

Designed for Real World Performance

LUBE





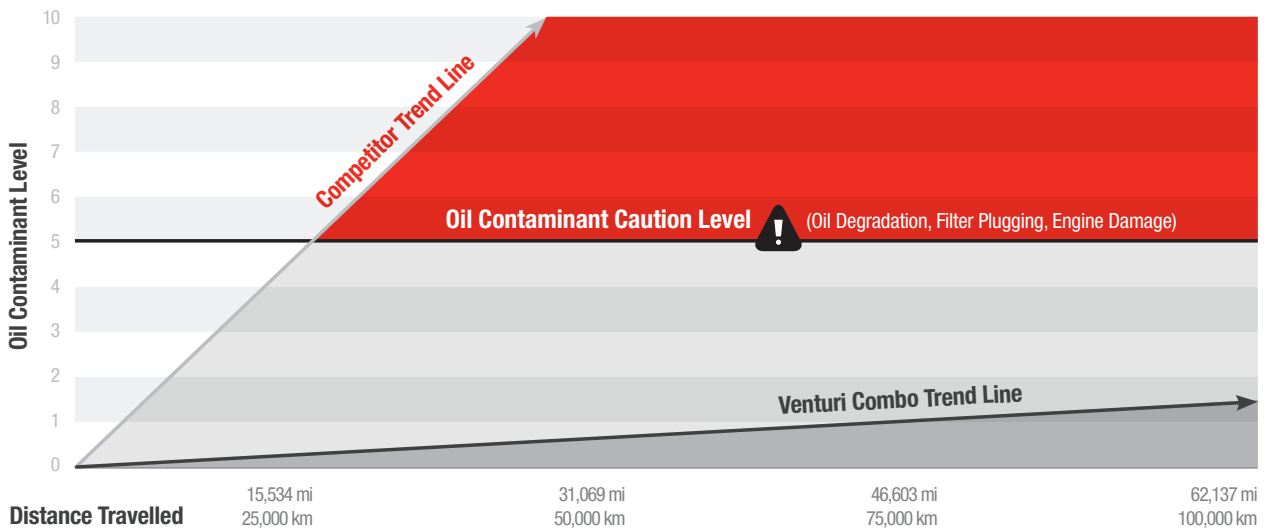
Australia Road Train with Cummins ISM carrying 120,000 lb load

The Venturi™ reduces costs and maximizes engine life.

The Venturi delivers on extended maintenance intervals, better oil condition and improved engine life.

- Severe Duty Australian Road Trains prove you can **SAFELY extend oil drain intervals** up to 2x longer for a maximum of 75,000 miles (121,000 km)*
- Real world results prove Venturi **reduces environmental waste** and **oil / filter consumption** by SAFELY extending oil drain intervals.
- Real world results prove Venturi reduces costs by **maintaining better oil condition** and **maximizing engine life**.

Oil Condition as Effected By Filter Type and Service Distance



Note: Chart based upon field trials conducted using the same application & conditions.

* Maximum Oil Drain / Service Interval extension is dependant upon duty cycle, oil quality, idle time, engine model, application and model year.

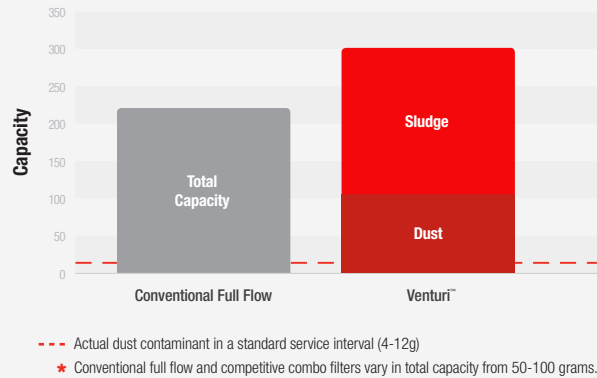
Only the Venturi is designed for Real World Performance.



Stacked Disc ByPass Media

Stacked disc media allows for unmatched contaminant capacity:

- 3-4x more capacity than full flow only and competitive 'combo' filters.
- Up to 5x more dust capacity than occurs in a standard service interval.



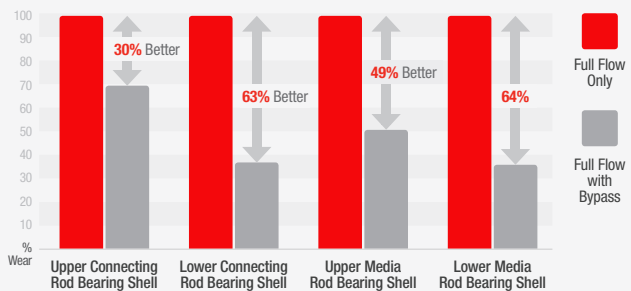
StrataPore™ Full Flow Media

- StrataPore's multi-layers provide exactly the desired level of contaminant removal for maximum protection.
- StrataPore's multi-layers maintains optimal efficiency and durability over filter life to support Extended Service Intervals.
- StrataPore's multi-layer design allows for maximum flow during cold start without compromise to engine protection.



Patented Venturi Nozzle

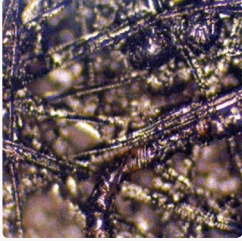
- The Venturi Nozzle assures maximum cold start oil flow, protecting valve train components such as cam lobes, cam followers and valve guides.
- The Venturi Nozzle helps oil flow through the high capacity stacked disc media - proven to remove wear-causing sludge.



In the real world, how much test dust does your filter really see?

Real World Testing

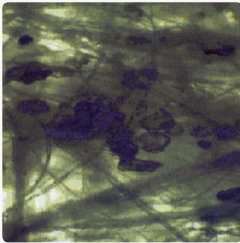
ensures on-engine performance results you can count on.



Real world testing produces results you can trust.

Bench Testing

does NOT provide Real World results.



Bench testing produces results that are irrelevant in the real world.

Bench Testing Uses:

- Aviation Hydraulic Fluid
- ISO 12103-1, A3 Medium Test Dust
- No Extremes in Temperature
- No Extremes in Pressure
- No Oil Degradation
- No Water/Coolant/Condensation

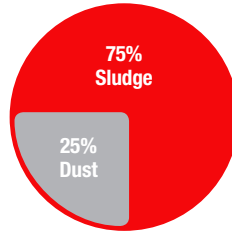
Real world testing proves only the Venturi provides the performance and protection you need.

Only the Venturi meets or exceeds OEM specification CES10765.

Sludge – Not Dust

The Venturi passes the required M11 High Soot Test, also recognized by API, proving real world contaminant capacity unlike competitors' filters which are only tested for dust capacity. Dust alone is irrelevant in real world lube systems.

Real World = Sludge, Not Dust



Sludge Control

The Venturi includes real bypass filtration as required by OEM specs ensuring ONLY clean oil reaches the engine components. Using the unique internal flow achieved with the Venturi nozzle, the built-in stacked disc bypass media captures high amounts of sludge thus allowing the oil to continue being filtered through the full flow section without plugging.

Cold Start Protection

The Venturi is tested using specified cold start conditions ensuring that it provides protection to vital engine parts during cold starts.

Reliability

In addition to real world testing, each filter is designed & tested using a battery of filtration industry test methods including ISO 4548-12, SAE J1858, SAE HS-J806 and ISO 2942.

Warranty Coverage that goes beyond the competition.

Providing customers the best warranty coverage in the industry is Cummins Filtration's ongoing promise as we partner to be your filtration supplier for life. As the only filtration manufacturer with a non-prorated warranty, Cummins Filtration guarantees to always be there after the sale. For detailed information on the **Cummins Filtration Warranty**, refer to the Cummins Filtration warranty brochure and statement, available online at cumminsfiltration.com.

Aftermarket Venturi™ Combo Models:

LF9070	Cummins	LF9028	Kubota	LF9667	Caterpillar and Mack
LF9080	Cummins	LF9031	Cummins	LF9691	Caterpillar
LF9008	Hitachi	LF9032	John Deere	LF9747	Komatsu
LF9009	Cummins	LF9034	Cummins	LF9691A	Caterpillar
LF9010	John Deere	LF9035	International	LF9026	International
LF9018	Komatsu	LF9039	Cummins	LF9931	GMC
LF9050	Cummins and Komatsu	LF9325	Cummins		
LF9025	International	LF9333	Detroit Diesel		
LF9027	Ford Powerstroke	LF9548	Case		
		LF9620	Detroit Diesel		



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For technical details, refer to the **Fleetguard Technical Information Catalog** or visit **Fleetschool**.