

The Racor Bypass Oil Series removes dirt, varnish, ash, tar, soot and other contaminants that full-flow filters cannot remove from your engine's oil. The system also removes condensed water, which forms component-damaging acids if left in the oil.

The Racor Bypass Oil Series removes contaminants down to one micron, which minimizes wear and extends engine component life.

The polishing effect of the Racor Bypass Oil Series and the use of the Racor Oil Analysis system will allow the engine oil service intervals to be extended. By reducing the disposal of waste oil, the system also contributes to preserving the environment.

Bypass Oil Series Benefits

- 1 Extends the miles between oil changes
- 2 Saves maintenance costs and downtime
- 3 Keeps oil cleaner longer, reducing oil consumption and disposal
- 4 Extends engine life and "re-build" intervals
- 5 Keeps engines better lubricated which means reduced wear
- 6 Removes damaging water

Ideal for tow vehicles!

oil



Easy-install mounting bracket.

The cartridge element is made of an efficient combination of a cotton and cellulose woven media.

Reusable spin-on steel canister mounted to a rugged aluminum head.

The engineered design of the filter element provides more efficient filtration for a significantly longer period of time than pleated cellulose, stacked disc and other cartridge filters.



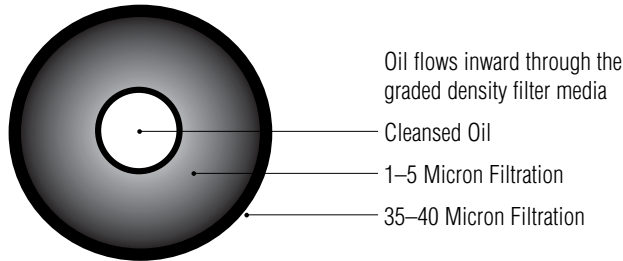
Part Number	LFS 800	LFS 801	LFS 802	LFS 802 - S*	LFS 820	LFS 825
Replacement Element (P/N)	LFS-800BPE	LFS-801BPE	LFS-802BPE	LFS-802BPE	LFS-820BPE	LFS-825BPE
Engine Size/Horse Power	up to 150 hp	150 - 250	250 - 400	250 - 400	400 - 500	500 - 800
Sump Capacity	2.5 gal / 9.5 ltr	6 gal / 19 ltr	15 gal / 57 ltr	15 gal / 57 ltr	30 gal / 114 ltr	45 gal / 170 ltr
Flow Rate	.3 gpm / .9 lpm	.4 gpm / 1.4 lpm	.5 gpm / 1.9 lpm	.5 gpm / 1.9 lpm	1 gpm / 3.8 lpm	1.5 gpm / 5.7 lpm
Canister Cap	.13 gal / .5 ltr	.3 gal / .9 ltr	.5 gal / 1.9 ltr	.5 gal / 1.9 ltr	2.5 gal / 9.5 ltr	3.5 gal / 13.3 ltr
Orifice Size	.040" / 1 mm	.040" / 1 mm	.040" / 1 mm	.040" / 1 mm	.093" / 2.4 mm	.101" / 2.6 mm
Port Size	1/8" npt	1/4" npt	1/4" npt	1/4" npt	1/2" npt	1/2" npt
Height	5.5" / 14 cm	7.5" / 19.1 cm	11" / 27.9 cm	11" / 27.9 cm	14.5" / 36.8 cm	20" / 50.8 cm
Width	4" / 10.2 cm	5.25" / 13.3 cm	5.25" / 13.3 cm	5.25" / 13.3 cm	9" / 22.9 cm	9" / 22.9 cm

The Racor Remote Bypass Oil Filter Kit comes complete with all hose and fittings required for a simple installation. The filter is mounted using a supplied heavy duty bracket. The oil supply is easily taken from the engine by means of the unique Racor machined and anodized components. The oil is returned to the crank case by the machined and anodized filter cap or drain plug adapter. The adapter and all connectors are included in the Racor kit.

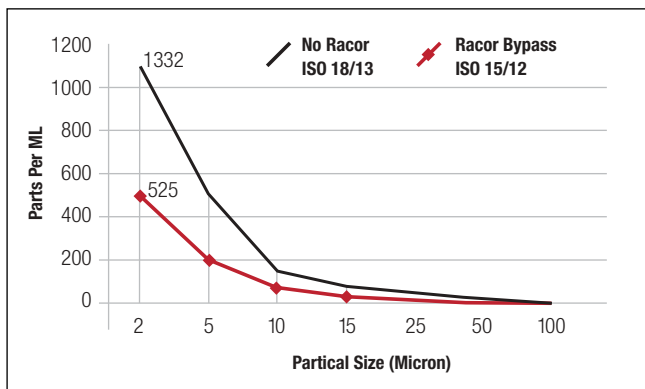
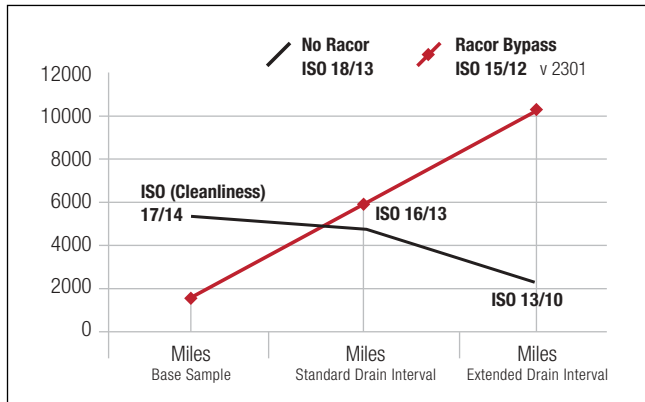
*LFS 802 - S CAT: C10 - C12 - C15 3176 w/1 3/8"-16" Thread

Superior Oil Filtration Media

The winding pattern of the element creates many identical spiral passageways, tapered in cross section so as to trap the larger particles near the outer portion of the element and the smaller particles as the oil flows inward through the element. Solids are filtered by entrapment in the filter media throughout the entire depth of the element. Reduces damaging particle count by 99%.



Typical Results



Tow Vehicle Application Chart

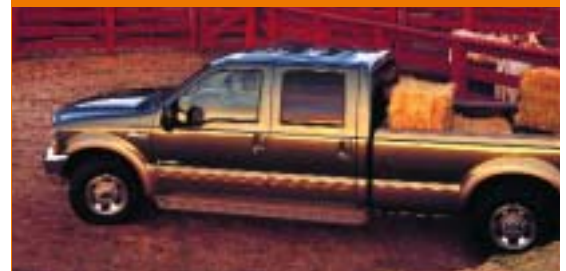
Application	Kit Part #	Year Model	Bypass Filter	Hose Kit	Replacement
Dodge / Cummins 5.9L	LFS RK859CEA	Thru 1993-2002	LFS 801	LFS 801BHK	LFS 801BPE
Dodge / Cummins 5.9L	LFS RK859CEB	1994-2001	LFS 801	LFS 801BHK	LFS 801BPE
Dodge / Cummins 5.9L	LFS RK859CL	1998.5 to Current	LFS 801	LFS 801BHK	LFS 801BPE
GM Duramax 6.6L	LFS RK866G	All Models	LFS 801	LFS 801BHK	LFS 801BPE
Ford 6.0L	LFS RK860F	2003 to Current	LFS 801	LFS 801BHK	LFS 801BPE
Ford 7.3L DI and IDI Engine	LFS 873F	1987 to 2003	LFS 801	LFS 800BHK	LFS 801BPE

Superior Solid Filtration

The Bypass Oil Series filter element is a one micron filter element. With surface filters, particles tend to stack up on a single plane, thereby "loading" the filter and cutting off flow. The Bypass Oil Series filter element is a "depth" filter trapping different size particles at varying depths within the element, so loading is virtually eliminated.

The Bypass Oil Series filter element is a depth filter with more media volume and a superior moisture retention material – cotton.

Pleated cellulose and centrifuge filters don't have the media volume that the Bypass Oil Series filter element does. Also, stacked disc, pleated and mulched cellulose media filters are not effective for the removal of water from engine lube oil.



Dodge/Cummins 5.9 L