

Oil Filter Construction

Less Pleats = Less Paper = Less Capacity

**ACDelco
Oil Filter has 43**



**Popular Competitor
Oil Filter has 35 Pleats**



ACDelco Duraguard[®] Oil Filter Features

- 98% single-pass filtering efficiency at 25-30 microns for excellent filtering capabilities.
- Patented cellulose media traps particles 1/3 the width of human hair to help ensure a clean supply of oil to engine components.
- Thermosetting adhesive seals hold filtering media in place for consistent, dependable filtration
- Superior filter capacity, enhanced efficiency, consistent flow management and high durability design help provide exceptional filtering performance.
- A burst strength five times greater than most engine oil operating pressures after the oil reaches operating temperatures.
- Application coverage for 97% of all cars, light-duty trucks and sport utility vehicles, both foreign and domestic.

Faulty Anti-drain Back Valve Examples

Foreign material found in engine oil supply passages blocking vital circulation of oil flow to the engine.



A portion of customers will use a competitor oil filter which will not have the material properties for long oil change intervals of an OE Service oil filter.

A section of the anti-drain back valve was found and removed from the above failed engine oil main bearing gallery.

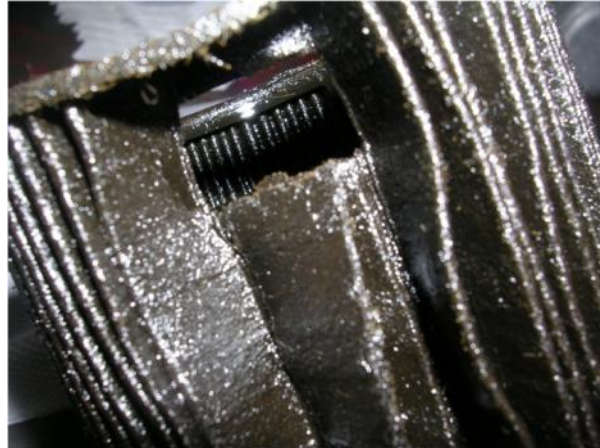


Complete anti-drain back valve when removed from competitors new oil filter.

Same PN "5-1009456" on both the broken anti-drainback valve and the anti-drain back valve from the competitors new part.

Filtration Media Failure Examples

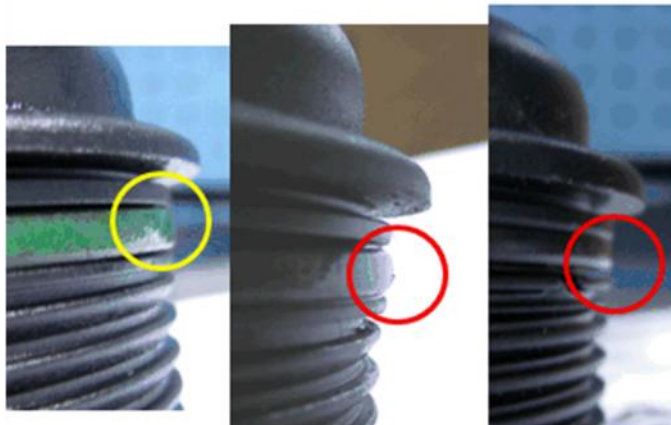
Filtration media broke off and clogged oil gallery creating insufficient flow and capacity.



Pictures of competitor oil filter failure. Dealership reported two failures in three weeks. Symptoms of the failure included a ticking noise lifter and lack of oil.

Oil filter cap for ecotec engine with compressed seals resulting in oil leaks. PF458G includes filter and cap.

NON-OEM - compression set / leaks



OEM - no compression set

