



CASE STUDY

CUSTOMER

TRUCK SPECIALTIES

LOCATION

WAKARUSA, ID USA / 2006-2012

EQUIPMENT

2006 CUMMINS 5.9 L DIESEL ENGINE

APPLICATION

DIESEL FUEL

PROVEN RESULTS



FUEL
SYSTEM
COMPONENTS
PROTECTED

“ I've had zero failures of the fuel system components and the fuel system is still running well. I also changed the traditional paper filters every 100,000 miles / 160,000 km as a practice although replacement was not required, the pressure differential across the magnetic filter never exceeded 10 psi.”

- Greg Warken, Owner Operator

CHALLENGE

Exceed the filtration capability of the conventional fuel filter by installing a magnetic filter y-strainer on the fuel line of a 2006 Cummins 5.9 Liter Diesel Engine with 35,000 Miles (58,000 Km).

Evaluate the ability for the magnetic filter to remove wear contamination down to 4 microns and below to prevent premature wear of the fuel system components: pumps, injectors, actuators, and cam shafts. The source of this contamination is the corrosion of transmission lines that carry the fuel to the end user.

SOLUTION

Install an OEI Y-Strainer as the primary fuel filter.

RESULTS

After 6 years (550,000 miles / 913,000 kms) of operation, there were no fuel system failures. The fuel system components were all running at full efficiency.



UPDATED
PRODUCT
RECOMMENDATION
**INLINE MAGNETIC
FILTER SCRUBBER**



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