# CASE STUDY

CUSTOMER
TRANSMASIVO S.A.

LOCATION
COLOMBIA / 2012

EQUIPMENT
MUNICIPAL TRANSPORT BUS

APPLICATION
DIESEL FUEL AND GASOLINE

PROVEN RESULTS

MAINTENANCE INTERVALS EXTENDED 10,000 KM TO 12,000 KM

## CHALLENGE

Meet international standards for fuel cleanliness. Dirty fuel causes premature wear of injectors, pumps and other components, inhibits fuel burn, and increases emissions.


## SOLUTION

TransMasivo installed an ADD-Vantage 9000 on the fuel system of a municipal transport bus for a five month test period. The ADD-Vantage 9000 includes OEI's patented magnetic filter element as well as a stainless-steel cloth element. The magnetic filter element captures ferrous wear particles down to 4 µ and below with up to 95+% efficiency. The "inside-out" flow control design operates with the magnetic filter element as the primary filter. The high holding capacity allows for extended operating life of the stainless steel cloth element which minimizes by-passing and extends cleaning intervals.

## RESULTS

The photo shows an accumulation of contamination under 4 microns that would have traditionally channeled its way through conventional filters. By removing this contamination from both gasoline and diesel fuel systems, other system components are protected, burn quality is improved, and the bus produces fewer emissions.

Transmasivo was also able to extend their oil change intervals from every 10,000 km to every 12,000 km, decreasing maintenance costs.

PRODUCT RECOMMENDATION

**ADD-VANTAGE 9000**

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