



CASE STUDY

CUSTOMER

TRANSMASIVO

LOCATION

COLOMBIA / 2013

EQUIPMENT

PUBLIC TRANSPORT BUS

APPLICATION

ENGINE OIL AND FUEL

PROVEN
RESULTSOIL CHANGE
INTERVALS
EXTENDED10,000 KM
TO
12,000 KM

CHALLENGE

Transmasivo, through the use of bio-fuels, was trying to reduce their emissions and wanted a filtration medium that would do the same while working efficiently on their bus line. Traditional filtration is incapable of removing contamination below 10 microns which causes damage to the fuel and oil system components, impedes the burn of the fuel, and increases emissions.

SOLUTION

Luis Bonilla of Filter Master Colombia, a distributor for OEI, suggested installing an OEI magnetic filter pad on both the oil filter and fuel filter to determine the amount of contamination being missed by the conventional filters.

RESULTS

The OEI magnetic filter pad provided for the removal of contamination under 4 microns, extending the life of the depth media filter.

Installation of the magnetic filter pads allowed for the oil change intervals to extend from 10,000 km to 12,000 km. The use of these magnetic filters resulted in a “cleaner” operation, a reduction of material waste disposal, and an extension of maintenance intervals.

PRODUCT
RECOMMENDATION**MAGNETIC
FILTER PAD**

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