



## CASE STUDY

### CUSTOMER

CITY OF HOUSTON

### LOCATION

HOUSTON, TX USA / 2008

### EQUIPMENT

MUNICIPAL FUEL DEPOT

### APPLICATION

FUEL DISPENSER

### PROVEN RESULTS



IMPROVED  
RELIABILITY  
OF  
EMERGENCY  
VEHICLES

### CHALLENGE

Remove sludge found in the city's underground fuel depots to protect emergency vehicle engines (police cars, fire trucks, and maintenance equipment). The fuel depots are underground and made of a fiber glass composite with little to no ferrous metal.

### SOLUTION

Clean the fuel tank and install an OEI high flow magnetic filter scrubber inline, prior to the metering pump.

### RESULTS

Just 3 days (3,000 gal) after the magnetic filter element had been cleaned, a substantial amount of ferrous metal was extracted. If left in the fluid this sludge will prematurely wear the injector nozzles and the injector pump, decreasing the equipments performance and efficiency.



PRODUCT  
RECOMMENDATION  
**MAGNETIC FILTER  
SCRUBBER**



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