



CASE STUDY

CUSTOMER

MEXICAN NAVY

LOCATION

MEXICO / MAR 2014

EQUIPMENT

ARM ESCOBEDO NAVAL SHIP

APPLICATION

FUEL

PROVEN
RESULTSENGINE FUEL
INJECTORS AND
PUMP PROTECTED

“The One Eye Industries magnetic filter proved very efficient in capturing ferrous contamination. In both the fuel and lube oil, the use of this filter will avoid problems with the injectors and mobile parts.”

-Navy Captain CG DEM, Commander of the Eighth Platoon

CHALLENGE

Capture wear contamination missed by the naval ship's existing filtration system and prevent it from prematurely wearing on fuel system components, reducing fuel burn efficiency, and increasing emissions. The source of this contamination is the corrosion of transmission lines that carry the fuel to the end user.

SOLUTION

Install an OEI magnetic filter scrubber on the fuel line to remove contamination down to sub-micron levels without restricting flow.

RESULTS

The magnetic filter scrubber has successfully removed enough contamination to prolong the life of the engine and fuel system components. The fuel burn efficiency was improved and emissions were reduced.

The photo shows contamination captured from the fuel after 6 days of operation.



FUEL CONTAMINATION
CAPTURED IN 6 DAYS

RECOMMENDED
PRODUCT**MAGNETIC FILTER
SCRUBBER**

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