



## CASE STUDY

## CUSTOMER

M/Y DREAM WALKER

## LOCATION

NEWPORT BEACH, CA USA / 2007

## EQUIPMENT

64' LUXURY VESSEL

## APPLICATION

FUEL

PROVEN  
RESULTSFUEL SYSTEM  
COMPONENTS  
PROTECTED

“When installing this filter it was placed after the inlet manifold, so filtration would occur during fuel transfer from tank to tank to balance the vessel, and fuel the engines and generators. Since installing this system we have not occurred any algae problems. I also have the BT900 magnetic filter pads installed protecting my engine oil.”

- Nelson Merz, Captain

## CHALLENGE

Capture wear contamination missed by the luxury vessel's existing filtration system to prevent it from prematurely wearing on fuel system components. The source of this contamination is the corrosion of transmission lines that carry the fuel to the end user.

## SOLUTION

Install a magnetic filter scrubber on the fuel feedline and transfer system.

## RESULTS

The image shows contamination removed from the fuel after 500 hours of operation. The contamination captured on the magnetic filter element is an accumulation of iron particles below 4 microns; if left in the system these iron particles would damage the injectors and pump.



PRODUCT  
RECOMMENDATION

**MAGNETIC FILTER  
SCRUBBER**



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