



Do you really need to keep a Fuel Tank at 2 Microns?



There are vendors trying to sell fuel recirculating systems, quoting “7 Stages of filtration” or “Let us clean your 30,000 gallon fuel tank to 2 Microns,” without any consideration for the end user. Do you realize how long you would have to run the system to maintain a 30,000-gallon fuel tank at 2 microns? And how many times your customer would have to change these 2-micron filters? If they can maintain your fuel tank at 2 microns then there would be no need for your inline filters. It just doesn’t wash!



With the RCI Technologies Fuel Purifier meeting and exceeding the “90 mesh strainer coalescer/separator requirements,” we can design a system to any specification, but would be negligent not to advise our customer of a potential problem with this design. Diesel equipment has multiple filters ranging in micron size to accommodate the contamination found in all fuels. Most primary filters are in the 10 to 20 micron size, sometimes as high as 30 micron. The secondary filter, or final filter, should be 2 to 10 microns, thus reducing the chances of filter clogging and excessive maintenance.



It would be cost prohibitive for your customer to try to maintain a fuel tank at 2 micron when going to a higher micron primary filter. Conventional filtration is designed to shut off the fuel flow as the filter clogs. Therefore, the potential problem of having multiple filters from 2 micron to 30/20/10 back to 2 micron would not be cost effective to your customer, as the cost of filter replacement, down time, and hazardous waste disposal fees constantly increase.

RCI Technologies Fuel Purifier will remove all the water and particulates to below 10 microns and requires no replacement filters, cartridges or elements to clean, change or replace. Total maintenance is a simple purging. The sole function of our Purifier is to remove water and particulate before it gets to the conventional filtration. Here again, installing a 2 micron filter at the beginning of the fuel stream, would cause your customer excessive maintenance and down time changing the 2 micron filters.



In Section 3 of our FRS Sales Manual, installation photos will show how some of our valued customers, Home Savings & Loan (FTI) and Exodus Communications (Earth-Safe), have used RCI Technologies fuel purification products to protect their expensive conventional tank cleaning systems, recirculating systems, and day tanks, due to extreme high cost of maintaining them.

We are proud to provide a total maintenance system that requires only a simple purging, providing your customer years of quality fuel at minimal cost.

Robert Randle
President

