

SYSTEM AVAILABILITY

Schroeder
INDUSTRIES

WORK BOAT FLEET REGAINS TRUST IN THEIR FUEL QUALITY THANKS TO POLISHING SYSTEM

Technical Application Bulletin

CHALLENGE

Customer with 3 full-service fleets on the Mississippi River launched a new pushboat (with brand new engine) that only made it out of the dock approximately 1 mile before having a catastrophic engine failure due to water in fuel.

APPROACH

Schroeder developed a kidney loop system with the BDFP (Bulk Diesel Filtration Panel) configured with the Automatic Water Drain (AWD). The marine industry is heavily regulated, making our goal to support their needs while minimizing regulatory costs. Understanding the customer's application, we recommended a kidney loop setup to be able to avoid the costly and difficult marine approval standards.

RESULTS

- Cleaner, dryer fuel
- No additional engine failures due to water in the diesel fuel
- Lower maintenance costs due to reduced engine filtration loading
- Reduction in unplanned downtime
- Reduced or eliminated biological growth in tank
- Reduced or eliminated acidity-related

Schroeder Industries BDFP, minimal clearance needed for element service, ideal for limited installation space

