SYSTEM AVAILABILITY

BDS3 PROTECTS LUXURY VESSELS FROM CONTAMINATION-RELATED DAMAGE, DOWNTIME

Technical Application Bulletin

CHALLENGE

A corporate marina providing diesel fuel to luxury vessels struggled with water contamination in their bulk tanks and dispensing pumps, posing a threat to the vessels utilizing the marina's harbor services. Modern Tier IV emission-class engines are sensitive to water contamination and can be extremely expensive to repair, potentially costing the harbor customers tens of thousands and risking legal action against the marina.

APPROACH

Based on the marina's needs and fuel quality Schroeder Industries provided a Bulk Diesel Skid 3 (BDS3) equipped with an integrated system pump and controls provider, plus four stages of particulate and coalescing filtration to ensure exceptionally clean, desaturated fuel.

RESULTS

- Reduce and prevent unplanned downtime related to fuel quality for vessel owners
- Prevention of fuel system repairs costing anywhere from 10,000-100,000 depending on the vessel/fuel system size, plus the cost of potential towing or vessel recovery
- Protection from liability for the marina
- Improved customer safety and satisfaction

MARINA SEEKING COALESCING FUEL FILTRATION

CLEAN, DRY FUEL PREVENTS VESSEL DOWNTIME

PROTECTION FROM FUEL-RELATED LEGAL LIABILITIES

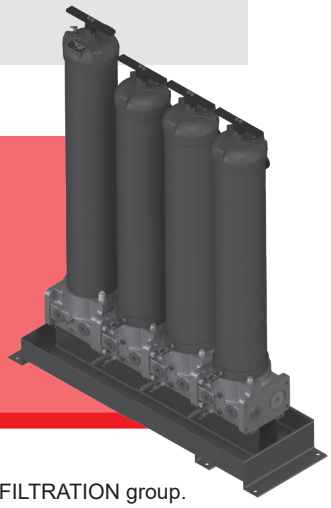
IMPROVED CUSTOMER SAFETY & SATISFACTION

PROTECTION FROM REPAIRS COSTING

$10K-$100K+

BDS3 (Bulk Diesel Skid):

- 140-210 gpm (530-795 L/min); 150 psi (10.3 bar)
- Designed with integrated particulate removal pre-filtration for maximum coalescing filter element life in the downstream housing
- Sized for higher flows or highly contaminated fluid applications



FUEL FILTRATION