

## AMFS & MFD Filter Cart Fleet for Large, Multi-State Utility Company



### Background:

- A multi-fleet utility company with lift trucks was experiencing issues with fleet availability due to contamination-related hydraulic failures. Knowing that over 85% of hydraulic failures are caused by contamination, this customer contacted Schroeder for a solution.

### Problem:

- The fleet's lift trucks had not been maintained on a regular schedule. They had water and contaminants in their hydraulic systems, which either caused the booms to freeze or function erratically. The breakdowns caused long delays in their ability to restore power.

### Solution:

- Schroeder worked with the customer to incorporate a maintenance schedule and deliver the Asset Management Filtration Station® (AMFS). With the AMFS, the Fleet Director and Reliability Manager had the data and resulting confidence to know that the trucks were maintained and the fluid was clean and dry, preparing them for the next storm.

### Result:

- The AMFS's combination of water and dirt removing elements provided a solution to maintain clean and dry fluid. The customer no longer needs to worry about equipment downtime caused by water in the oil, or contamination affecting hydraulic function.

### ROI:

- The customer had the needed asset specific data to extend oil drains from 6 months to over a year. At \$7.00 per gallon, the ROI at each facility was less than a year.

### Specifications:

- **Type of Machinery:** Utility Vehicles
- **Fluids Addressed:** Hydraulic Fluid
- **Schroeder Product:** AMFS and MFD.

### AMFS:



### TDS-A:

Water removal units also used in many utility fleets.

