

Problem

The problem was identified by the customer as an element issue. Following a review of the application by Engineering, it was determined that the element could be subjected to a direct flow surge at high velocity under certain conditions. In addition, it was discovered that the element currently being used was spinning inside the manifold. Due to space and size limitations, the design of the manifold that houses the filter element could not be changed.

Solution

To eliminate the problem, Schroeder added a patented shield to the element. The shield stops the flow impingement from damaging the element during the stage of operation that increases the flow. Also, the spinning problem experienced by the competitive element was eliminated with the unique wave spring incorporated into the Schroeder element.

Schroeder Advantages

- Quality
- Helped them solve a problem
- Our knowledge
- Willing to work with them
- Patience

Schroeder Regional Sales Manager: Dan Schultz

Customer	Forklift Manufacturer
Type of Machinery	Forklift
Reservoir Capacity	5 Gal
Operating Fluid	Hydraulic oil ISO 46
Schroeder Product	20-CRZX25
Customer Problem	Flow impingement on element

