



SYSTEM AVAILABILITY

Schroeder SBF Elements Resolve Press Downtime Issues for Automotive Manufacturer

CHALLENGE

A manufacturer of composite products for automotive, marine, and other vehicle markets experienced frequent downtime issues with their hydraulic presses across multiple facilities — despite purchasing and deploying a Schroeder competitor's polishing and dehydrating equipment.

APPROACH

Analysis revealed that the customer was not reaching their ISO Code Targets despite utilizing filtration equipment. Head-to-head lab testing at Schroeder's Fluid Care Center comparing the competitor's synthetic media elements to equivalent Schroeder Industries BestFit® (SBF) elements revealed major underperformance by the competitor elements. The competitor elements, rated for 1 micron and 3 microns, functioned more like 14 micron and 30 micron elements respectively, resulting in heavy contamination/missed ISO Code Targets and subsequent press downtime.

Schroeder Industries advised use of the SBF elements, which vastly outperformed the competitor elements in testing and easily reached ISO Code Targets with only a negligible difference in clean pressure drop.

RESULTS

- SBF Elements outperformed competitor elements with roughly 5x greater efficiency and ~20-30% improvement in Dirt Holding Capacity.
- Customer ISO Code Targets reached.
- Hydraulic press downtime reduced by controlling contamination in the hydraulic systems with higher performance SBF elements versus competitor elements.

- ◆ Schroeder BestFit®: Premium filter element equivalents for over 42,000 OEM-brand part numbers and counting
- ◆ Variety of media types/grades
- ◆ Private labeling available

MRO CUSTOMER
EXPERIENCING
ROUTINE HYDRAULIC
PRESS FAILURES



REPLACED EXISTING
COMPETITOR ELEMENTS
WITH SCHROEDER
BESTFIT (SBF)

~20-30%
INCREASE IN DIRT
HOLDING CAPACITY



~5x
INCREASE IN FILTER
ELEMENT EFFICIENCY

ISO CODE
TARGETS
REACHED,
REDUCING
PRESS DOWNTIME

