



Schroeder BestFit® Elements Provide Improved Performance, Reduce Changeouts

Technical Application Bulletin

CHALLENGE

Due to pressure drop and cost-related concerns, end users operating frac trailers were reluctant to adopt higher-performance, smaller micron-rated elements over their existing 40 micron elements and increase their system protection.

APPROACH

Schroeder Industries developed a compatible, 25 micron Z-media element for the filter housing commonly used in these frac trailer applications. In head-to-head testing, these 25 micron Schroeder BestFit® elements showed similar pressure drop characteristics to the competitor's 40 micron elements, in addition to superior dirt holding capacity and particulate removal, at a competitive cost.

RESULTS

- Schroeder BestFit® elements provide a 40% increase in efficiency in removing particulates greater than or equal to 25 micron, without sacrificing pressure drop
- 36% increase in dirt holding capacity (DHC) compared to the existing competitor elements
- Fewer element change-outs due to increased efficiency/DHC, allowing more machine uptime
- Customer benefits from cost-effective, higher performance elements with a longer lifespan

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

CUSTOMER NOT UTILIZING BEST PERFORMING ELEMENTS FOR APPLICATION



40%
INCREASED PARTICULATE REMOVAL EFFICIENCY $\geq 25 \mu\text{m}$

36%
INCREASE IN DHC



FILTER ELEMENT CHANGE OUTS REDUCED

MACHINE DOWNTIME FOR CHANGE OUTS REDUCED

