

DATA SHEET

Sustainable Cartridge Bowl

Description

Spin-on hydraulic filters are a popular filtration option due to their ease of use in element change-outs, but their all-in-one design has several major drawbacks, such as:

- Massive increase to waste stream due to disposable single-use housing bowls
- Increased cost per element due to added materials incorporated in the disposable housing bowls

Schroeder Industries constantly strives to refine existing technology and seek new, more sustainable angles in our product designs.

Enter the Sustainable Cartridge Bowl filter, or SCB. This revolutionary filter offers the same convenience of spin-on filters with a patented reusable housing bowl design.



SCB1 Short - 7"



SCB1 Long - 10"



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Part of Schroeder's
Energy Sustainability Initiative

SCB Features & Benefits

- More cost-effective than standard spin-on elements due to the reusable bowl
- Cuts down on waste emissions by cutting ~99% of scrap metal waste and conserving more oil than spin-ons
- All with Schroeder's signature high standard of filtration performance!

Reduce your Carbon Footprint

Sustainability is a hot topic across virtually every industry, and the SCB can assist a variety of industrial applications in cutting carbon.

Traditional spin on filters contribute to waste and CO2 emissions in two primary ways: **wasted scrap metal and wasted oil.** This waste takes up landfill space and contributes to emissions released during production.

See how the SCB stacks up to a standard spin-on filter in terms of carbon footprint!



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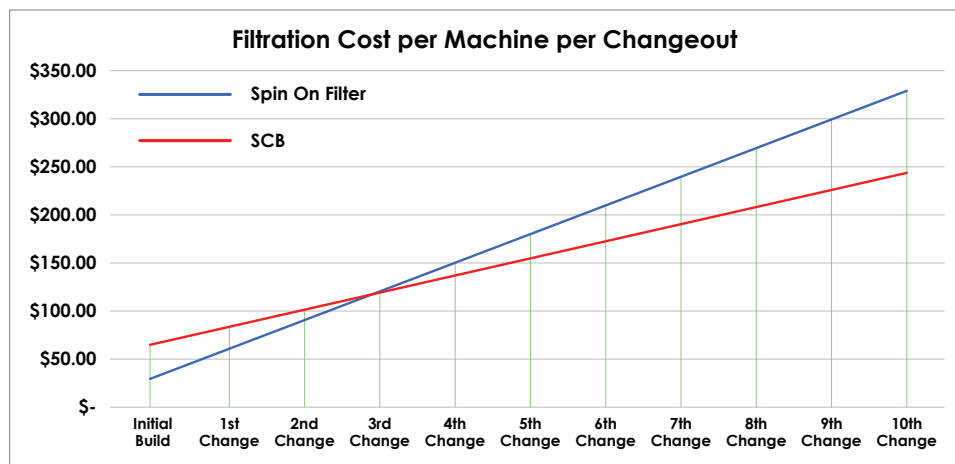
M10 Spin-On	SCB1 (7")
Scrap Metal Waste Per 1,000	
1,966lbs	20lbs
Oil Waste (If Not Properly Drained)	
450gal	57.2gal
CO2 Emissions	
~10,600lbs	~1,300lbs

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Being Green Saves Green

The signature reusable housing bowl of the SCB isn't just eco-smart: it makes the SCB far more cost effective than typical spin on filters. Assuming a regular filter element changing schedule, using the SCB brings OEM customers savings by the 4th change, and approximately 30% cost reduction by the 10th change. Across an entire fleet, this reduction stacks up into substantial savings!



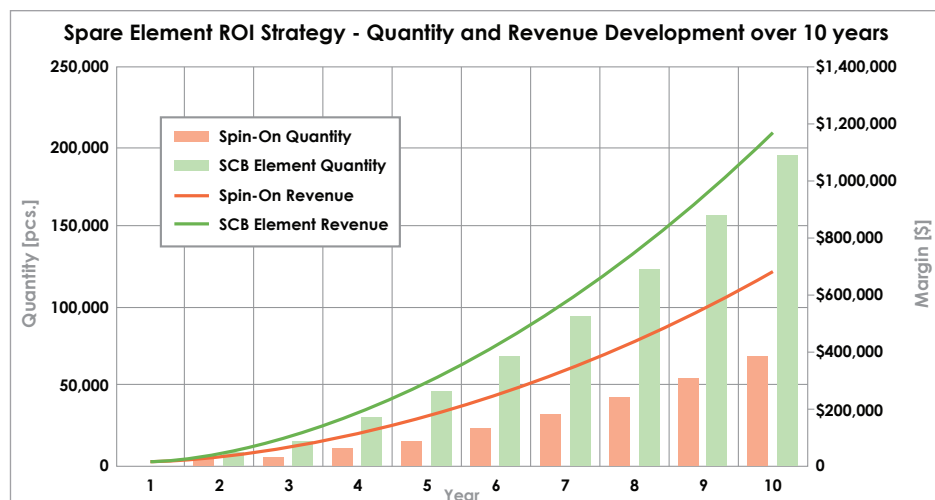
Increased Revenue in Spare Element ROI Strategy

OEMs also stand to gain directly by implementing SCB filtration. Assuming 1,000 machines are produced per year, with 4 element changes per year, consider the following estimation of revenue gained over time with an SCB spare element strategy:

Current Spare Element Strategy	
Current % Share	35%*
Price to OEM	\$30.00*
Price to End User	\$40.00*

New SCB Spare Element Strategy	
New % Share	100%*
Price to OEM	\$18.00*
Price to End User	\$24.00*

* Non-binding calculation is based on assumed parameters, actual results depend on actual values of the individual case.



Under these conditions, accumulated revenue over time is substantial:

Status After 5 Years	
Revenue With Strategy	\$285,000.00
Without Strategy	\$166,250.00
Additional Revenues	\$118,750.00

Status After 10 Years	
Revenue With Strategy	\$1,170,000.00
Without Strategy	\$682,500.00
Additional Revenues	\$487,500.00