

Schroeder Provides TNK Solution To Replace Multiple Reservoir Shapes & Sizes

Background

Schroeder Industries and a local distributor worked together to provide an all-in-one solution to replace multiple reservoir shapes and sizes.

Problem

The end customer produces many different styles of pull behind Agriculture Equipment. Each unit has a different size steel reservoir with 2 to 3 spin-on return filters. The current reservoir designs were acceptable and had worked for many years, but the SI territory manager and local distributor representative saw the need for improvement - components and part numbers could be reduced, allowing for a substantial cost savings.

Solution

The solution was to implement Schroeder's Complete Tank Solutions, the TNK12 & TNK25. Due to tank optimization, the multiple tank sizes were reduced to 3 separate sizes. The tanks are standard Schroeder TNK units with an added Low Pressure, In-Tank Return Line Filter (RFM) from HYDAC. The filter option allowed the customer to replace the 3 spin-on filters and only use the In-Tank RFM. Other options will include HYDAC's Low Pressure, Multi-functional Filter (RKM) on closed loop machines.

Specifications

Type of Machinery: 12, 25 & 45 Gal. Reservoirs w/ 10µm Return Filter, Suction Strainer, Breather and Sight Glass

Fluids Addressed: Hydraulic Fluid

Schroeder Product: TNK12, TNK25

Flow Rating: 40 gpm (150 L/min)

Results

Once installed, the end customer noticed a reduction in the number of hoses, fittings and filters, as well as an overall tank volume decrease, which resulted in less oil consumption. Part number quantity was also reduced, making the ordering process substantially easier for the end customer's Purchasing Department.

Labor hours invested in constructing the previously installed steel tanks were reduced. The TNKs also improved reservoir cleanliness and the overall cost of the reservoir assembly was also reduced.



Complete Tank Solutions
| TNK12 & TNK25

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580 West Park Road | Leetsdale, PA 15056
 ph. 724.318.1100 | fax 724.318.1200

www.schroederindustries.com



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