ADD-VANTAGE 9000-800 HIGH FLOW

DESCRIPTION

The ADD-Vantage 9000 includes OEI's patented magnetic filter element as well as a stainless steel cloth element. Systems are optimized for fluid viscosity, flow volume, flow rate, temperature, mobility, and mounting requirements. This specialty ADD-Vantage 9000 design is intended high flow, high volume, light viscosity fluids and oils.

Flow Control

This ADD-Vantage 9000 is designed with "Inside-out" flow control designs with the magnetic filter element as the primary filter. Its high holding capacity allows for extended operating life of the stainless steel cloth element which minimizes bypassing and extends cleaning intervals.

BENEFITS

- High holding capacity allows for extended planned maintenance periods
- Flows 43% more fluid or lube oil than conventional filters
- Continuous filtration in bypass
- Installs the same as conventional filters, no retrofitting required

BULK FUEL	LUBE OIL
HYDRAULIC FLUID	CHEMICALS

CLEANING

- Magnetic Filter Element:Remove the contamination with a lab cloth/non-fiber cloth that absorbs the contamination. Save the cloth in a sample bag to send for analysis.
- Stainless Steel Cloth Element: Separate the filter element from the bypass assembly and clean with a solvent, soap and water, a parts washer, or ultrasonically. Then let the element air dry.
- Use the magnetic filter element as a predictive maintenance tool by removing contamination with a lab cloth or rubber glove and depositing it into a sample jar. Send the contamination for analysis to determine the source of equipment component wear and prevent system failure.

EFFICIENCY

Magnetic Filter Element	Ferrous Contamination	Captures ferrous wear particles down to 4 µ and below with up to 95+% efficiency.
	Non-ferrous Contamination	Non-ferrous particles are magnetically captured because of cross-contamination from static charge or embedded ferrous particles.
Stainless Steel Cloth Element Absolute Rating *Pleated, Flat Screen, Perforated*	10 µ, 25 µ, 40 µ, 150 µ	BETA 200 *Exceeds ISO 16889 Standards*
Eco-Coreless Disposable Element Nominal Rating *Available on the Inline High-flow, High-volume*	> 10 µ	BETA 200
	10 µ, 25 µ	BETA 1000
Stainless steel Perforated Element	1/4", 1/8", 1/16"	

OPERATING PARAMETERS

Part Number	Port Size	Housing Size	Flow Control	Flow Rate @ 68 cSt	Pressure Rati n g	Temp. rating	Magnetic filter element
9ADV9-820	1" - 3"	8" L x 14" W x 30" H	Inside-out	150 gpm (568 L/min)	< 34.4 bar (500 psi)	105° C (221° F)	1 1/2" OD
9ADV9-838	1" - 3"	8" L x 17" W x 50" H	Inside-out	300 gpm (1136 L/min)	< 34.4 bar (500 psi)	105° C (221° F)	1 1/2" OD

MATERIALS

Magnetic Filter Element	Rare-earth magnets configured in a patented radial field design	
Filter Housing, End Caps, Mounts	Standard	Carbon Steel
	Non-Corrosive	Stainless Steel
Pleated, Flat Screen, Perforated Cloth-Media Element	Stainless Steel	
Eco-Coreless Disposable Elements *Available on the Inline High-flow, High-volume*	Z-media (Synthetic)	
Seals	Standard	Buna
	High Heat	Viton
	Sub-zero	EDPM

INSTALLATION

Port Type	» NPT	» CD61	» BSPP	Mount Type	» Inline
	» ORB	» CD62	» BSPT	Element Clearance	Housing length + 4"
			» Flange		

LIMITED WARRANTY

Magnetic Filter Element	3 years
Housing and Components	1 year

SERVICE LIFE

Magnetic Filter Element	18+ years
Stainless Steel Cloth Element	5 years