

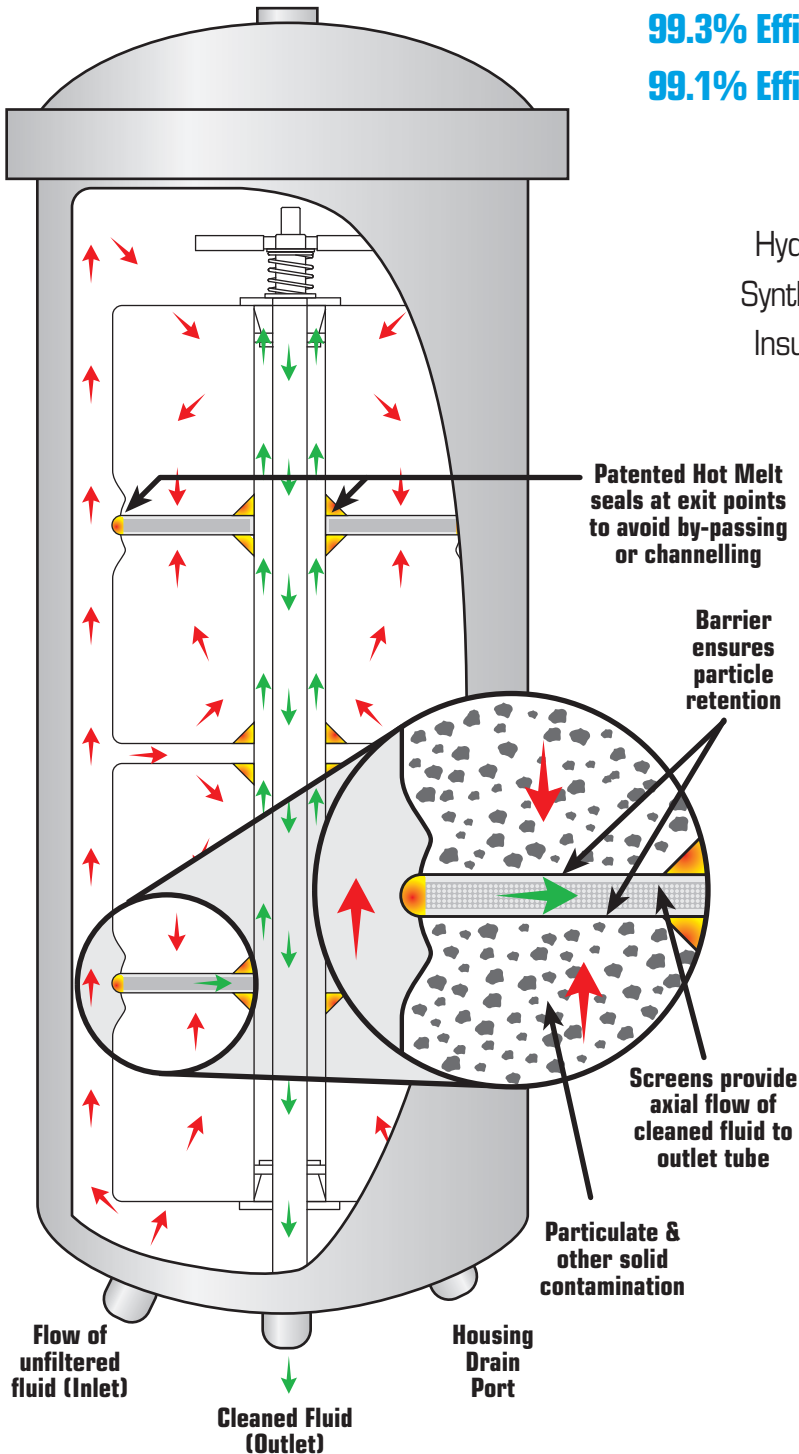


MAXIMUM FILTRATION TECHNOLOGY

Filmmax Ultra Fine Filtration Maintains Fluids Within Aerospace Specifications Eliminating Sludge and Varnish in Fluid Power Systems

99.3% Efficient Particulate Removal > 3 Microns

99.1% Efficient Removal of Free and Dissolved Water



Applications:

- Hydraulic Oils • Compressor Oils • Gear Oil
- Synthetic Lubricants • Phosphate Ester Fluids
- Insulating Oils • Turbine Oil • Water Glycols

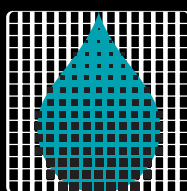
Efficiency – Patented positive sealing system insures maximum filtration performance and structural integrity of Filmmax preventing any possibility of fluid bypass. Filmmax is rated at .5 microns nominal and maintains fluids dry at less than 15 ppm water.

Surface Area – 1250 square feet of surface area provides Filmmax with over three (3) times the holding capacity of other depth and conventional pleated filters.

Capacity – Filmmax holds over 3/4 of a pound of particulate contamination and up to 3/4 gallon of water from wet oils.

- **Reduce Maintenance**
- **Extend Equipment Life**

Distributed by:



The Fluid Life Corporation

www.fluidlife.com



Delivering Powerful Solutions for High Flow and Low Flow Industrial Fluid Power Systems

“Nominal” and “Absolute” are marketing terms for filters that do not address filter performance and efficiency. The proof is in the results!

SAE J1858 Beta Test

$$\beta_x = \frac{\text{No. of particles greater than "x" upstream of the filter}}{\text{No. of particles greater than "x" downstream of the filter}}$$

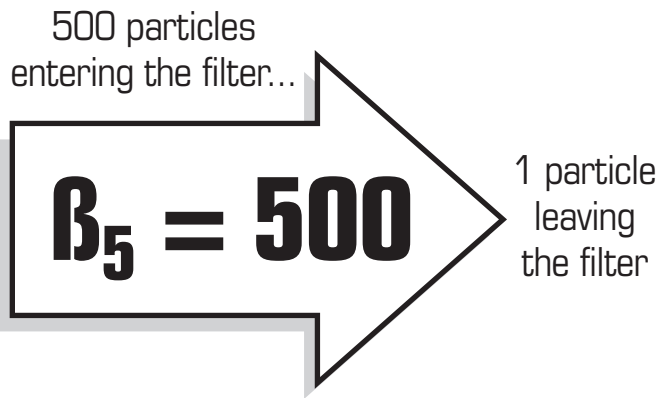
For Example:

$x = > 5\mu\text{m particles}$

$$\beta_5 = 500 = \frac{500}{1}$$

The following are the results from the SAE J1858 Beta Test on Filmox

Time	Upstream Count	Downstream Count	Beta Ratio	Efficiency
30 min.	4598	13	354	99.72%
60 min.	4882	19	257	99.61%
90 min.	4983	6	831	99.88%
120 min.	4998	8	625	99.84%
150 min.	4884	9	543	99.82%
180 min.	4470	13	344	99.74%
			492	99.80%



Time	Upstream Count	Downstream Count	Beta Ratio	Efficiency
30 min.	7236	67	108	99.07%
60 min.	7758	60	129	99.23%
90 min.	7934	41	194	99.48%
120 min.	7871	41	192	99.48%
150 min.	7784	51	153	99.34%
180 min.	7341	59	124	99.20%
			150	99.33%

