

ELIMINATING VARNISH, SLUDGE, AND CONTAMINATION IN LUBRICATING SYSTEMS

99.3% Efficient Particulate Removal > 2 Microns
99.1% Efficient Removal of Free and Dissolved Water

APPLICATIONS

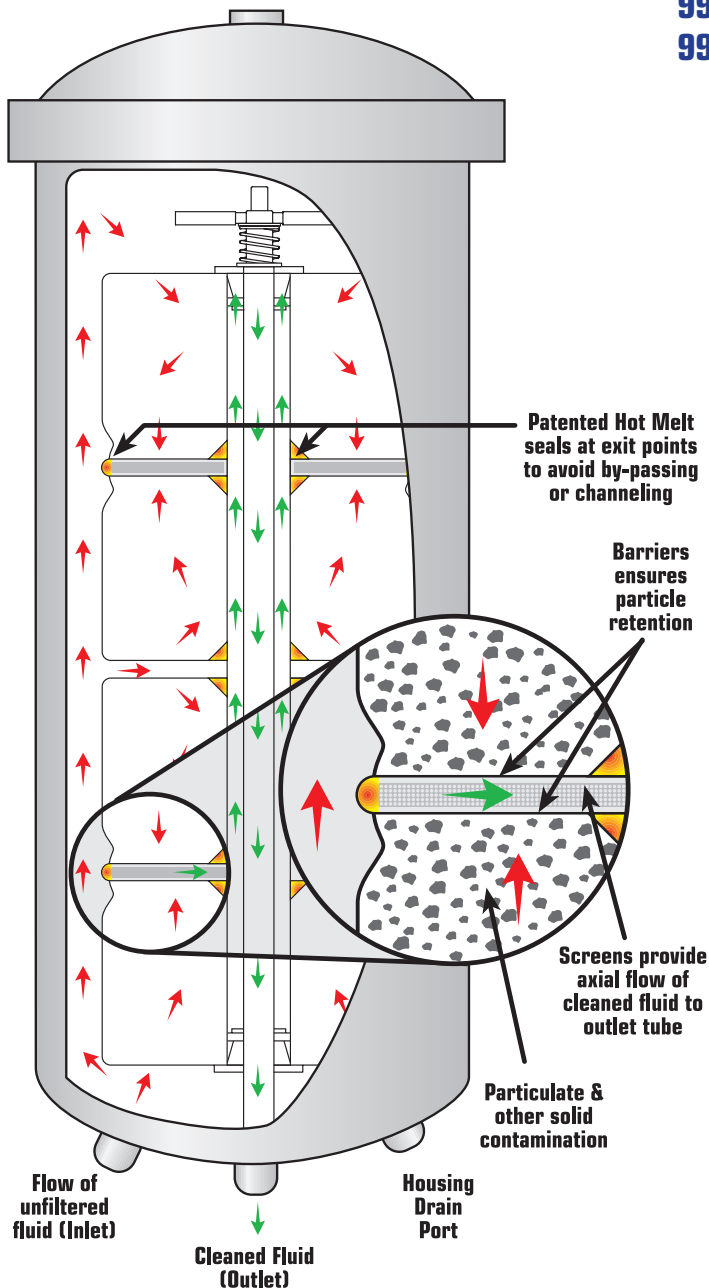
Hydraulic Oils • Compressor Oils • Gear Oil
Synthetic Lubricants • Phosphate Ester Fluids
Insulating Oils • Turbine Oil • Water Glycols
Engine Oils • Transmission Fluids

Efficiency – Patented positive sealing system insures maximum filtration performance and structural integrity of Filmax preventing any possibility of fluid bypass. Filmax is rated at 2 microns absolute and maintains fluids dry at less than 25 ppm water.

Surface Area – 3,000 square feet of surface area provides Filmax with over three (3) times the holding capacity of other depth and conventional pleated filters.

Capacity – Filmax 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**
- **Increase Performance**





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

REDUCING YOUR COSTS TODAY TO INCREASE YOUR PROFITS TOMORROW

"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 Filmax

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%

500 particles entering the filter...

$$\beta_5 = 500$$

1 particle leaving the filter

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%

150 particles entering the filter...

$$\beta_2 = 150$$

1 particle leaving the filter

Filmax is the industry leader in the application of filtration technology specializing in Advanced Filtration Systems for Fluid Power Applications, Mobile and Stationary Engines. Filmax holds the most recent patents for specific advancements in oil filtration technology, which allows the company to manufacture the finest oil filtration equipment in the industry. We at Filmax are committed and dedicated to providing the highest standard of customer service and technical support in the industry.

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Advanced Electronic Filtration Systems