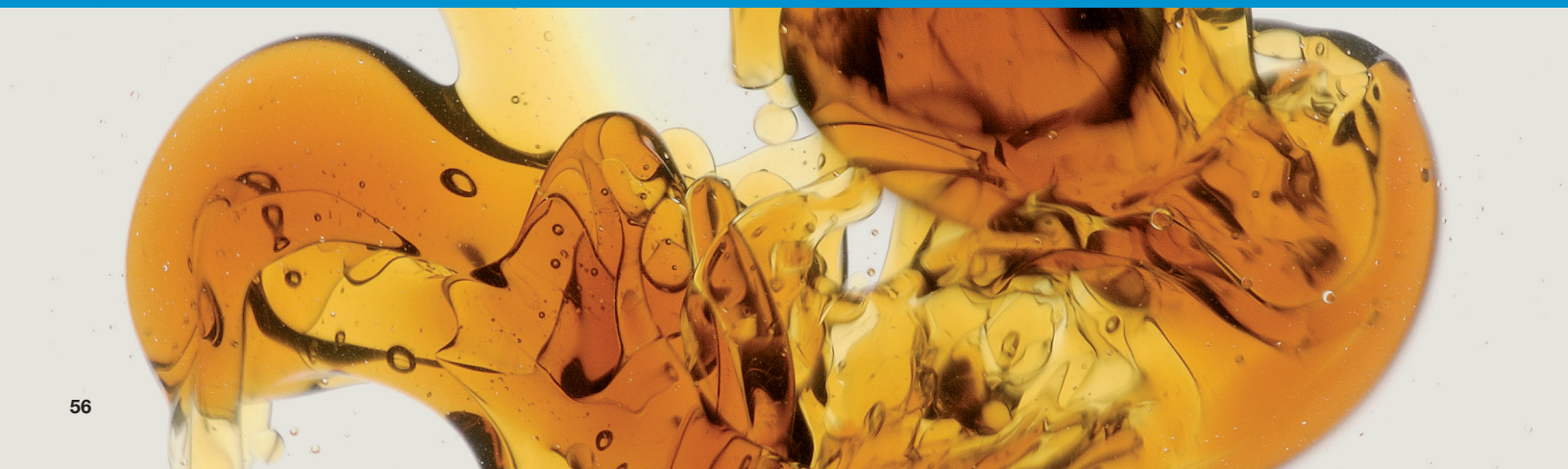
ELEMENTS

For more than 75 years, Kaydon Filtration has been an expert at providing state-of-the-art filtration technology for lube oil, hydraulic oil, diesel fuel, and other hydrocarbon fluids. The multi-layered design of our filter elements delivers exceptional particle retention and extended element life. Our filtration, coalescer, and water-absorbing elements are designed to help meet the expected fuel life while combining performance and cost effectiveness.

Take a look at Kaydon's elements to learn how they can work in your application:

- TURBO-TOC® turbine oil conditioning systems utilize a unique set of filter elements to treat particulate and water contamination.
- KAYMAX® filtration elements use an inert, fixed pore, impregnated fiber matrix media for maximum strength and increased dirt capacity.
- KAYFLO™ (KF) filter elements are used for general purpose and Model KB filter elements are used for basic purpose industrial oil and fuel applications.
- KAYDRI® (KQD) water removal filter elements are designed to remove water, by using absorption, from lube oil, hydraulic oil, and diesel fuel.
- *PulseShield™* Hydraulic Fluid Filters provide increased dirt-holding capacity by as much as 30% in comparison to conventional filter elements.
- The Model KM 7500 filter elements are used for critical industrial oil and fuel applications.
- The Model CI coalescer elements are used with HF-FC series portable oil filtration carts for water separation and filtration of diesel fuels.
- Kaydon Fuel Filter Element Separators are designed and constructed with special hydrophobic materials to provide a barrier to water coalesced with Kaydon Filtration CI coalescer elements.



KAYMAX® 7500 Series High-Efficiency Filters

KAYDON FILTRATION
Filtration Group®

Kaydon Filtration knows what it takes to keep your lubrication oils, hydraulic oils, and fuels clean and your critical machinery in service. Pulp and Paper, Power Generation, Mining, Oil and Gas, Heavy Equipment and Military are just a few of the critical markets we have protected.

KAYMAX® High-Efficiency Filters use the same fixed-pore media and manufacturing technology used in the world-renowned TURBO-TOC® family of filter elements. KAYMAX High-Efficiency synthetic media is designed to protect the life of your hydraulics by providing contaminant removal options throughout the hydraulic systems resulting in consistent removal efficiency across the entire operating range. KAYMAX High-Efficiency Filters offer the added benefit of easy change-out and reduced system downtime.

Applications

Petroleum-based Fluids

Features

Excellent separation efficiency

Inert fixed-pore media

Easy change-out

ISO 9001:2015 Design, Manufacturing, and QMS; ISO 2942 Fabrication Integrity; ISO 16889 Multi-Pass Performance Efficiency; ISO 2943 Fluid Compatibility; ISO 3724 Flow Fatigue; ISO 2941 Collapse Resistance

Benefits

Enhances system fluid cleanliness levels above other media types; extends service life

Reliable and consistent performance

Lowers maintenance costs and reduces system downtime

Meets or exceeds OEM requirements

KAYMAX® 7500 Series High-Efficiency Filters

Specifications and Details

Pressure Drop (ISO 32 Turbine Oil)	Part #	gpm	lpm	psid	BAR
	KMP7500-A-KC-04-X	20	95	10	.69
	KMP7500-A-KF-04-X	20	95	7	.48
	KMP7500-A-KH-04-X	20	95	5	.34
	KMP7500-A-KM-04-X	20	95	4	.28
	KMP7500-A-KR-04-X	20	95	3	.21
	KMP7500-A-KC-08-X	40	190	10	.69
	KMP7500-A-KF-08-X	40	190	7	.48
	KMP7500-A-KH-08-X	40	190	5	.34
	KMP7500-A-KM-08-X	40	190	4	.28
	KMP7500-A-KR-08-X	40	190	3	.21
Terminal Pressure	20 psid / 1.4 BAR				
Collapse Rating	100 psid / 6.9 BAR				
Micron Rating / Efficiency (ISO 4572 Beta = 200)	Part #	Micron Rating	Efficiency		
	KMP7500-A-KC-XX-X	1	99.5%		
	KMP7500-A-KF-XX-X	3	99.5%		
	KMP7500-A-KH-XX-X	6	99.5%		
	KMP7500-A-KM-XX-X	12	99.5%		
	KMP7500-A-KR-XX-X	25	99.5%		
Materials of Construction	Metals: Aluminum Elastomers: Buna-N (standard), Fluorocarbon (optional) Filter Media: Inert Fixed-Pore Media Exterior Coating: Epoxy				
Operating Temperature Range (maximum)	O-Ring Seal	F	C		
	Nitrile (B) Fluorocarbon (V)	≤ 225° ≤ 250°	≤ 107° ≤ 121°		
Fluid Compatibility (ISO 2943)	Petroleum oils, water glycols, water-oil emulsions with nitrile seals. Phosphate esters, diesters, and many other synthetic fluids with fluorocarbon seals.				
Dimensions	Part #	Inches D x L	mm D x L		
	KMP7500-A-XX-04-X	5 x 4	152 x 457		
	KMP7500-A-XX-08-X	5 x 8	152 x 914		

All design specifications are subject to change without notice.