

EXTENDING YOUR ENERGY



OEM • MILITARY

YOUR SUCCESS IS BASED ON YOUR PERFORMANCE

COUNT ON KAYDON FOR DEPENDABLE PERFORMANCE EVERY TIME

Applications:

- Military Combat and Tactical Vehicles
- Military Aircraft Refueling
- Commercial Mobile Equipment
- Industrial Equipment



Kaydon Custom Filtration Corporation

Filtration Solutions for OEM and Military Commercial Mobile and Industrial Equipment

Kaydon Custom Filtration specializes in high-performance liquid and solid separation technology for OEM/Military markets, meeting our customer needs through the technical advancement of fuel and oil conditioning products. The products represented in this brochure were developed specifically for this specialty and conform to the strictest manufacturing and performance standards on the planet.

For over 50 years, Kaydon has provided fuel/water separation systems and replacement elements for gasoline, diesel and jet fuels. In fact, Kaydon has set the standard in our markets for high efficiency fuel/water filtration equipment. Our products have proven critical to the successful operation and reliability of many pieces of equipment in both military and commercial markets.

Water in fuel is a primary cause of failure in the demanding requirements for military and off-road mobile vehicles. An effective fuel/water separator eliminates the potential for premature engine failure due to water contamination. Kaydon fuel/water separators will help meet your requirements for cleaner and drier fuel. Whether the application requires on-board fuel filtration, in-line fuel filtration during transfer or off-line fuel filtration of a fuel tank, Kaydon engineers have the solution.

In the military and commercial sectors, Kaydon Custom Filtration delivers dependable performance every time, extending the life and performance of your equipment. We can fulfill your needs in military vehicles, commercial mobile equipment and industrial equipment. Here are some specific examples:

Military Fuel Filtration

Kaydon continues to provide **high quality, robust filtration products** with exceptional performance and reliability to meet the **demanding environments experienced by military combat and tactical vehicles and aircraft.**



Kaydon's Military History

1950s

Developed primary and secondary fuel filters for M-48 main battle tank

1960s

Updated fuel filtration for M-60 main battle tank
Developed fuel/water separators for military aircraft fuel

1970s

Developed upgrade fuel filtration for M-1 Abrams main battle tank

1980s

Developed fuel/water separator for HUMVEE
Developed fuel filter for M939 5-ton truck
Developed multi-fuel filter for military trucks

1990s

Developed fuel/water separator for International main battle tanks
Developed patented coalescer design for JP8+100 Fuel

2000s

Developed new coalescer design for JP8 fuel

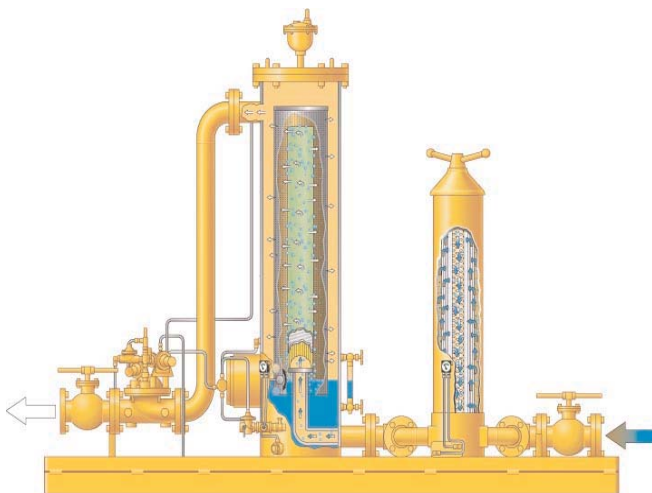
OEM Commercial Mobile Equipment

- Kaydon knows that today's OEM manufacturers of heavy-duty mobile hydraulic equipment such as farm vehicles and construction equipment need some of the toughest performance requirements in the industry for hydraulic, fuel, and oil filtration.
- Kaydon supplies filtration products to major OEM's as a **true partner** from design to delivery and **commits to non-compete** in our customer's aftermarket.
- Kaydon combines **consistent high quality with high volume production**, which is a major factor in our success in supplying filtration equipment for this market. Kaydon utilizes a **certified ISO 9001:2000 quality system** in manufacturing with **six sigma projects for cost control**.
- Modern **sophisticated hydraulic systems** on construction and farm equipment demand the highest protection possible with longer and longer service life. Kaydon engineers have developed **unique synthetic filter media** to meet those demands and satisfy **extended service life** requirements.
- In addition, Kaydon has developed robust, automated filtration systems for on-site refueling of heavy equipment in such locations as mines, large construction sites and workboat servicing stations.



OEM Industrial Equipment

- For over 40 years Kaydon has provided robust filtration products to the HVAC industry to protect large compressors that heat and cool some of the largest and most critical facilities in the world.
- Kaydon engineers have developed filtration product that allowed one major stationary engine manufacturer to nearly triple their service life on their lubricating oil which converts to significant cost savings in service costs to their customers.



Kaydon Lab Services Add Value

Kaydon Fluid Analysis (KFA) is an extensive laboratory assessment of your lubricating fluid. Our testing helps you to find out what your filtration system is doing for you. All KFA testing is conducted under certified ASTM, ISO, and NFPA test standards.



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