

Engine Systems & Technologies

For Long Engine Life and Reduced Maintenance



Intake Air Filtration Systems

Donaldson has pioneered the development of nearly every major advancement in heavy-duty engine air filtration since 1915. We provide total air intake systems, a full range of one stage, two-stage and scavenging air cleaners for heavy, medium and light-duty vehicles and equipment. The accessory line offers pre-cleaners, clamps, vacuator valves, mounting bands, indicators... Our latest innovation - PowerCore® Filtration Technology - offers you peak performance in a compact size.



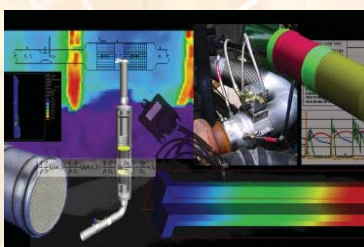
Hydraulic Filtration Systems

Donaldson hydraulic filtration sets the standard for performance, reliability, value and ease of use. Hydraulic system designs include sensors, porting options, high performance spin-on filters and metal or metal-free cartridges. Our product offering covers low, medium and high pressure applications on mobile equipment.



Liquid Filtration Systems

Donaldson has the unique capability to design and integrate your entire lube, fuel and coolant filtration system. Changes in emissions laws and new engine technologies place ever increasing demands on liquid filtration systems. Today's diesel engines run at higher temperatures and require optimum liquid filtration performance. With greater efficiency, more capacity and longer service life, our customers get maximum engine protection.



Emissions Control & Exhaust Systems

Donaldson leads the development and supply for global diesel emissions control solutions. We have experience with both tailpipe and crankcase filtration and can offer a "Total Emission" solution. By applying our on-site technologies in flow distribution and thermal management, control strategy, durability, system integration and acoustics, we work with our customers to design efficient and cost effective solutions. Our products include Active Regen PM, Partial PM filters, SCR systems for the exhaust emissions and Donaldson's Spiracle using Synteq® media for managing closed crankcase emissions.



Replacement Elements for Engines

Donaldson replacement products meet the same quality standards as the products we supply to equipment and vehicle manufacturers. They are durable, reliable and built to withstand the intended operating condition. We offer a full line of replacement air, lube fuel, coolant and hydraulic filter elements & exhaust products for the heavy-duty mobile equipment market.

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