



Donaldson Delivers Transmission & Power Steering Filtration Solutions



Our full line of hydraulic transmission and power steering solutions, including our proven Duramax® filters with Synteq™ media technology, help protect critical components from wear and maintain peak operating performance.



Solutions for your systems

At Donaldson, we offer a broad range of low, mid and high pressure filters, available in spin-on and cartridge styles to accommodate most transmission and power steering system needs. We provide reliable solutions to meet your specific requirements – keeping your equipment operating at peak performance.

Proven Performance.

Our line of filters is designed to deliver:

- Quality and value
- Robust construction
- Variety of media choices
- Maximum uptime
- Peak operating performance
- Longer equipment life



Low-Pressure Spin-ons

Donaldson offers a complete line of low pressure spin-on replacement filters. They are designed to install easily into existing systems, or can be paired with one of our cast aluminum heads.

Duramax® Mid-Pressure Solution

Donaldson Duramax filters, well-known as the highest rated spin-on style filters available, are reliable, long-lived and easy to install and service. They feature our proven, high performing Synteq™ filter media, available in a range of performance grades and ratings.

High Pressure In-Line Cartridges

Donaldson high pressure filters help protect critical components from catastrophic failure. Heavy-duty high pressure filters are rated for working pressures up to 6500 psi (44818 kPa). Various porting sizes and types, including manifold style, are available for a wide range of applications.

Cartridge Filters

Donaldson offers a full line of cartridge-style replacement filters available with a variety of media options.

Our filters provide versatile solutions to work with your existing hydraulic or transmission systems.

Synteq™ Media (Synthetic)

Synthetic fibers are man-made, smooth, rounded and provide the least resistance to flow. Their consistent shape allows for control of the fiber size and distribution pattern throughout the media mat to create the smoothest, least inhibited fluid flow. Consistency of fiber shape allows the maximum amount of contaminant-catching surface area and specific pore size control. The result is media with predictable filtration efficiencies removing specified contaminants and maximum dirt holding capacity.

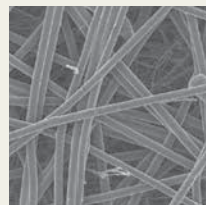


HOW IT WORKS

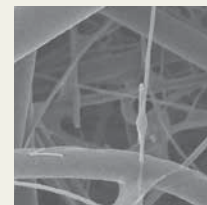


The low resistance of synthetic media to fluid flow makes it ideal for use with synthetic fluids, water glycols, water/oil emulsions, HWCF and petroleum-based fluids.

SEM 100X



SEM 600X



MEDIA IMAGE

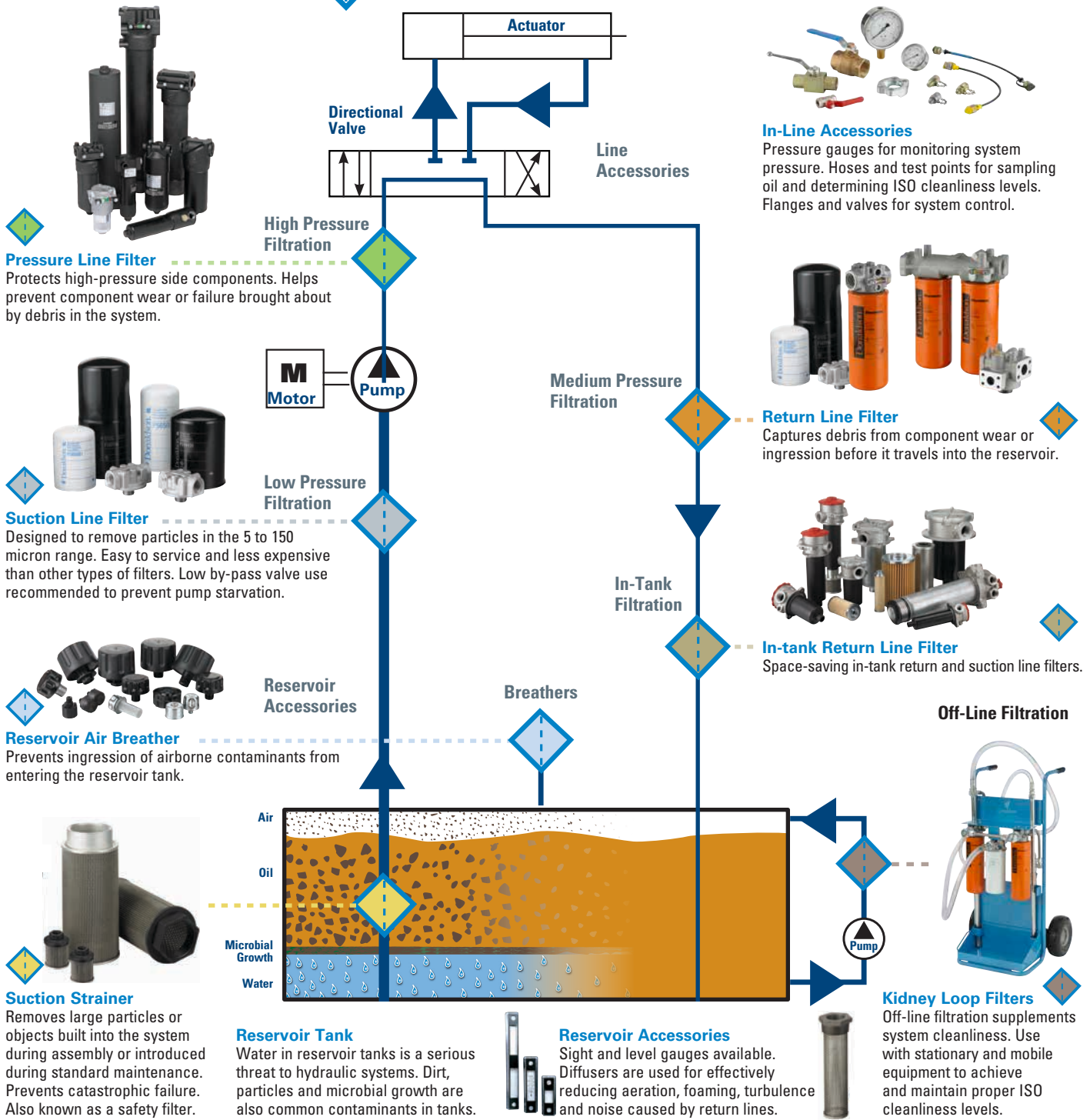


Competitive Cross Reference

Donaldson Part No.	Application	Baldwin	Fleetguard	Luber-Finer	Wix
Transmission Filter Kits					
P560971	Allison Transmission 29540494	PT8405, PT8405MPG, PT8405MPGKIT, PT9415MPGKIT	HF28943	LH4582G	57740, 57740XE
P560972	Allison Transmission 29540493	PT8406MPG, PT9416MPGKIT, PT9516MPGKIT	HF28936, HF28944, HF35153	LH4588G, LH4591G	57741, 57741XE
Transmission Cartridges					
P575039	John Deere AL118321	na	HF35340	na	D07C10GV
P574196	John Deere AN207368	na	HF35198	na	W01AG412
P576064	John Deere AT335492	na	na	na	57624
P573354	Caterpillar Equipment	PT9429MPG	HF35515	na	WL10009
P165239	Caterpillar Equipment	PT8496MPG, PT9418	HF35101, HF6342	LP560HE	51197XE, 57597, 57721
P166135	Allison Transmission	PT320, PT320MPG	HF30114, HF7118F, HF7518, HF7520, HF8318, HF8320	LFH4262, LH4262	51698, 551698
P166136	Allison Transmission	PT319, PT319MPG	HF30317, HF7119, HF7119F, HF7519, HF8319	LH4263	51693
P166254	Allison Transmission	PT317, PT317MPG	HF30159, HF7072F, HF7472, HF7473, HF8273, HF8277	LH4260	51692, 551692
P166255	Allison Transmission	H8079, H9082, PT318, PT318MPG	HF30295, HF7074F, HF7474, HF8074, HF8274	LH4261	51695, 551695
P166376	Allison Transmission 557498	na	HF6271, HF6373	na	na
P170737	Allison Transmission 23040988, Pall HC8200FDN8H	PT8330MPG	HF28458, HF28758, HF6389	LH5018	557407, 57407
P550951	Allison Transmission PF951	PT385, PT385E	HF6088, HF6118, HF6225	LP151	51426
Power Steering Filters					
P573482	Ford 4C4Z-3C602-AA, F8HZ-3C602-AA; Freightliner T1808D, VMLT1808D; International 2503221-C1	BT9388	HF35476	LFH4984	57191
P550830	International 1698964-C92; Nelson 87904M	PT9354-MPG	3937557S	LH4101	57557
P550637	White 3105264	P528	LF637	LP5005	51637
P574197	Mack 5839870678A	na	na	na	na
Duramax® Hydraulic Spin-ons					
P165659	Case N9086, Donaldson HMK05, Donaldson HMK25	BT8313, BT8874MPG	HF6587	LFH5659	51731, 551730, 731
P177047	John Deere T175002,	BT5581MPG, BT8851MPG	—	51817	—
P170949	Case IH 1971728C1, Magnum Ag Tractors	BT742, BT8870MPG	HF6590, HF6684	LFH8417, LFP8250	51729, 551729, 729, 9092677
P164378	John Deere AH128449, 90 Series Combines	BT734, BT749, BT8852MPG	—	51819	—
P164381	Case X724693, Donaldson HMK04	BT745, BT746, BT8841MPG, BT8844, BT8845	HF6554, HF6564, HF6566	LFH4428, LFH4961	51448, 51450, 51456
P164375	Clark 6630977, Donaldson HMK04	BT748, BT8840MPG	HF6517, HF6552, HF6560	LFH4959	51455
P165569	Caterpillar, Clark, IHC, Hyster, Donaldson HMK05/25	BT8340MPG, BT8876MPG	HF6586	LFH5013	51730
P171298	Kawasaki Wheel Loader 65 & 115	BT8326MPG	HF28992	—	57095
P173521	John Deere RE38965	BT8300, BT8871MPG, BT8910MPG	HF28994	LFH8398	51719, 551719
P165705	Champion 37104, Clark 965899, Donaldson HMK05/25	BT8311, BT8873	HF6589	LFH1832, LFH1922	51733, 551733
P165675	Donaldson HMK05/25	BT8878MPG	HF6588	LFH8705	557084, 57084
Hydraulic Spin-ons					
P165877	Pall HC7500SUT4H, Zinga SE-25, Donaldson HMK05	BT8309MPG	HF6183, HF6725, HF6728, HF6732, HF6753, HF6781	LFH5015, PF2178	51740
P165879	Pall HC7500SUK4H, Donaldson HMK05	BT287	HF6700	LFH8399	51759
P169078	John Deere AM102723	BT8416	HF35006	LFH8329	51586, 551586
P550542	Hitachi 4252563	BT9382	HF7533, HF7553	LFH5939	57963
P566920	Allison Transmission 23042062, 29510922	BT8316MPG	HF6603	LFP8316G	57401
P574731	Dana Transmission 247050, Clark 247050	BT8830	HF6420	LFH8799	51474
P174675	Dana Transmission 420252590, Clark 4202525	BT8426MPG	HF28996	LFH22034	57129

Typical Hydraulic Circuit and Filter Locations

Filter in a Circuit Symbol



Donaldson Company, Inc.
Minneapolis, MN

shop.donaldson.com
donaldson.com

North America 800-374-1374
Mexico, Latin America & Caribbean 52-449-910-6150
Brazil 55-11-4894-6340
Europe 32-16-38-3811
South Africa 27-11-997-6000

South East Asia 65-6311-7373
Greater China 852-2405-8388
Japan 81-42-540-4112
Korea 82-2-517-3333
Australia 61-02-4350-2033
India 91-124-2290060

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