



Donaldson Delivers  
**Filtration Solutions  
for Construction**

Heavy-duty filters for  
heavy-duty equipment





## Donaldson delivers the most comprehensive line of filtration solutions for construction fleets.

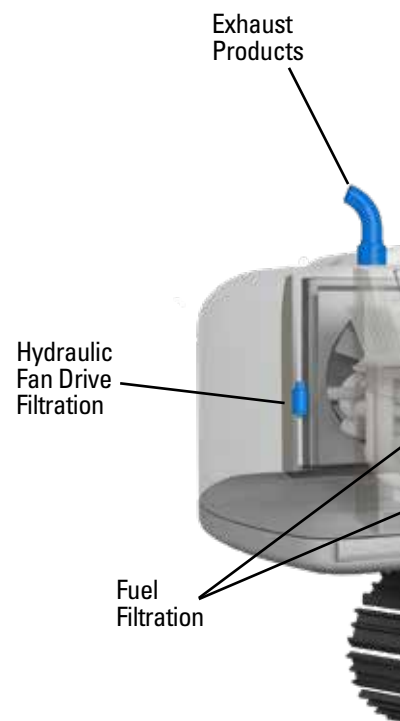
Downtime means lost revenue. To keep your equipment in service you need **filters** that deliver superior performance – and a **reliable supplier** that offers complete coverage for your entire fleet.

With Donaldson protection, your engines and equipment will operate longer between filter replacements, saving on costly downtime and repairs. And adding a Donaldson filtration system to your bulk fuel and lube storage will provide even more protection for your equipment and maximize uptime.

Donaldson Delivers.

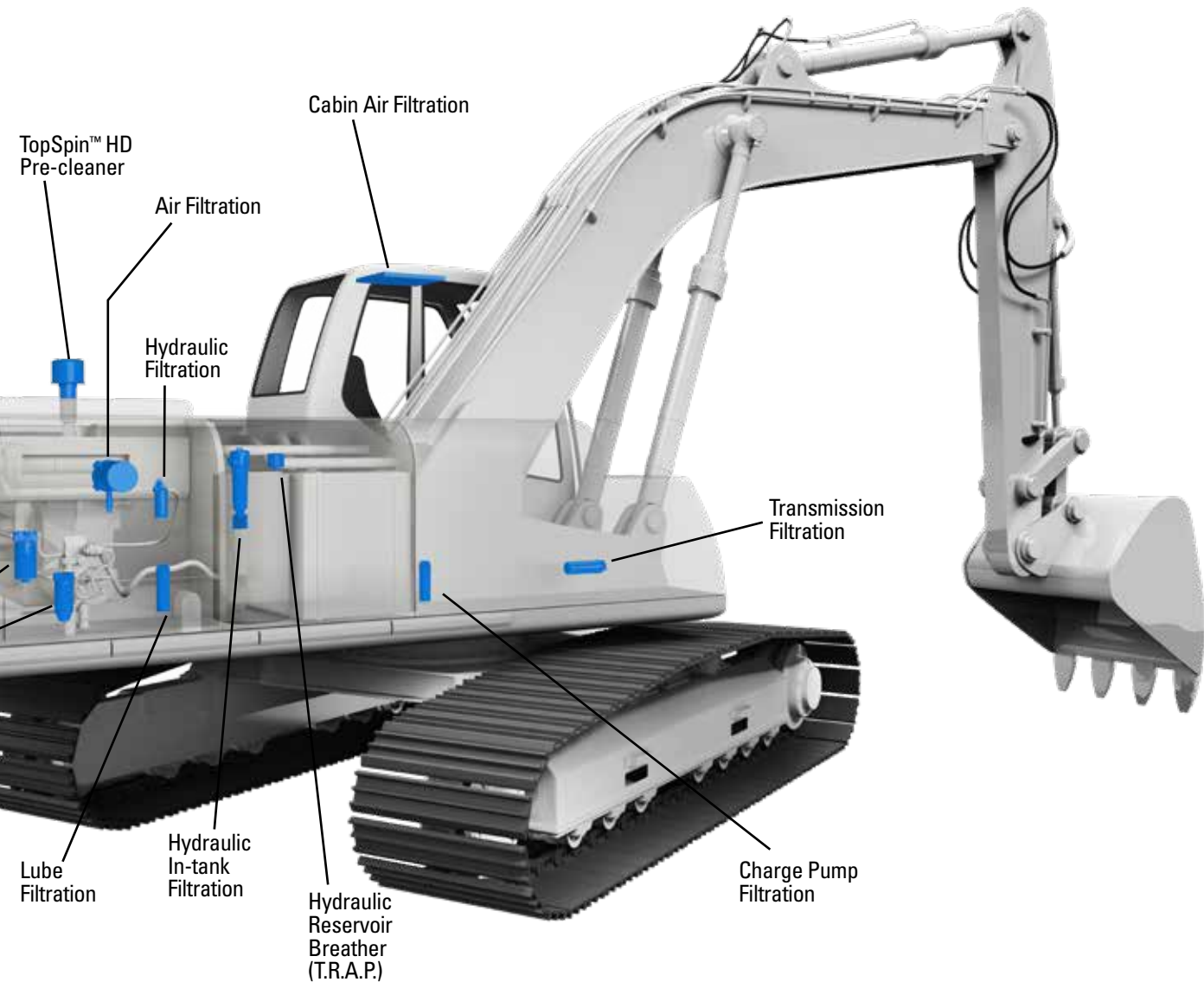
### Innovative filtration solutions for engines, equipment and the people who use them.

- **Industry-Leading Technology** – uncompromising product quality
- **OE Grade** – Donaldson is the first-fit choice of equipment manufacturers around the world
- **Broad Product Coverage** – air, lube, fuel, coolant and hydraulic filters and systems, plus exhaust, accessories and more
- **Consistent Product Availability** – the filters you need, when you need them
- **Comprehensive Customer Service** – experienced and knowledgeable sales and technical support teams
- **Distribution That Makes a Difference** – support from exceptional partners that know construction equipment and are quick to respond
- **Warranty** – industry leading coverage
- **Far Reaching Field Support** – Donaldson Representatives are nearby and ready to assist





## Complete Coverage from End to End



# Filtration Products for Construction Applications



## Fuel Filtration

Donaldson filters help prevent injector damage by delivering clean fuel to your engine. They're a better way to filter fuel.



**Fuel filters** protect engine components and help extend equipment life.



**Donaldson BLUE**

**Donaldson Blue™ Cummins® QSK secondary fuel filter** with Synteq XP™ media technology offers superior contaminant removal and retention – 4X cleaner than the best competitive filter.

Cummins® is a registered trademark of Cummins Inc. Racor® is a registered trademark of Parker Hannifin Corporation.



**Replacement filters for Racor® fuel systems**

Choose the filter system that you prefer – Twist&Drain™ or OEM style filters.



**Replacement filters for Stanadyne® Fuel Manager® FM 100 fuel systems**

Universal interface allows one part to fit multiple applications.



## Lube Filtration

Donaldson lube filters keep oil clean by capturing contaminants that can cause engine damage.

**Donaldson BLUE**



**Lube filters** capture metals, soot and contaminants to maintain higher cleanliness standards.



## Coolant Filtration

Donaldson coolant filters remove contaminants and maintain cooling system balance.



**Coolant filters** help keep hot-running engines cool and reduce downtime.

**Donaldson BLUE**



## Air Filtration

Today's high performance engines and tougher emissions standards demand higher-performing air intake systems.



**Air cleaners and pre-cleaners**  
The company that invented air cleaners for heavy-duty engines offers the broadest range of air cleaners and pre-cleaners available for construction equipment.



**Replacement filters** deliver better protection with Donaldson Blue® filters or PowerCore® filtration technology.



**Replacement filters for Fleetguard® OptiAir™ Air Cleaners** use high-efficiency media, vibration-resistant RadialSeal™ design and rigid structural support to deliver complete engine protection.

Fleetguard® and OptiAir™ are registered trademarks of Cummins, Inc.



**Replacement filters for Mann+Hummel® Europiclon® Air Cleaners** use high-efficiency media, vibration-resistant RadialSeal™ design and rigid structural support to deliver superior performance and proven protection.

Mann+Hummel® and Europiclon® are registered trademarks of Mann+Hummel®

# Filtration Products for Construction Applications



## Hydraulic Filtration

Performance under **any** pressure.



**Low, medium and high pressure** housings and filters, including Donaldson Duramax® to protect machinery and hydraulic components in hundreds of heavy-duty equipment applications.



**T.R.A.P.™ Breathers** collect and expel moisture from hydraulic and lube reservoirs – they also prevent particulate from entering.



## Clean Diesel Filter Kits

Easy to install on any fuel dispenser. Ready to filter out the finest contaminants before they enter your equipment's fuel system.



**Basic Kit** includes single head, high efficiency diesel filter and pressure gauge.



**High Capacity Kit** includes dual head, high efficiency diesel filters (2), pressure gauge and flange adaptors.



**Clean & Dry Kit** includes single head (2), high efficiency diesel filter, water absorbing filter, pressure gauge (2) and T.R.A.P. breather.

## Donaldson BLUE™

With pioneering technology – **Synteq™** and **Synteq XP™** media for liquid filters and **Ultra-Web®** media for air filters – **Donaldson Blue** filters trap higher volumes of fine contaminant while protecting engines and equipment, extending service intervals and reducing downtime.



**Donaldson Blue Fuel filters** with Synteq XP™ media deliver the cleanest fuel – providing better protection for your injectors. Tests have proven that they deliver fuel that is four times cleaner than competitors' best filters.

**Donaldson Blue Lube filters with Synteq™ media** deliver extended service intervals, improved lubricant flow, improved cold start performance and a higher level of protection to prolong engine and equipment life.



**Donaldson Blue Coolant filters** allow you to extend filter life while maintaining coolant condition. Options with additive replenishment technology allow you to extend your maintenance intervals up to once a year or 150,000 miles.



**Donaldson Blue™ air filters** with Ultra-Web® fine fiber technology protect engines by providing better initial and overall efficiency compared to conventional cellulose media.



## Mufflers and Exhaust Accessories

A complete line of mufflers, clamps and exhaust accessories.



**Mufflers** for medium- and heavy-duty diesel powered equipment.



**Clamps and accessories** reduce exhaust leaks and noise.



**Donaldson Blue Hydraulic Filters** deliver better system protection than the competitors' best filters with superior efficiency, longer filter life and reduced flow restriction.

# Donaldson Filters for Popular Construction Equipment

Product Description	Donaldson	Donaldson Blue®	Baldwin	Fleetguard	Fram	Luber-finer	Wix
<b>Air Primary PowerCore®</b>	P608766		CA4996	AF27873	CA10722	LAF3236	49108
<b>Air Primary RadialSeal™</b>	P527484	<b>DBA5067</b>	RS2863	AF4878	CA7139	LAF1878	46433
	P532410		RS3549	AF25308	CA9246	LAF8143	46489
	P532505	<b>DBA5216</b>	RS3510	AF25135M	CA7480	LAF4505	46593
	P532966	<b>DBA5105</b>	RS3517	AF25667	CA8193	LAF4498	46744
	P821575		RS3704	AF25551	CA9550	LAF8195	46438
	P822686		RS3715	AF25550	CA9248	LAF8388	46449
	P828889	<b>DBA5227</b>	RS3544	AF25557	CA8308	LAF4544	46562
<b>Air Primary, Finned</b>	P181052	<b>DBA5134</b>	PA1667FN	AF437K	CAK253	LAF222	42222
	P181059	<b>DBA5059</b>	PA2418FN	AF1733K	CAK565A	LAF1544	42321
<b>Coolant Spin-On</b>	P554071	<b>DBC4088</b>	BW5136	WF2051	PR3304	LFW4071	24030
	P554685	<b>DBC4085</b>	B5134	WF2077	PR3383	LFW4685	24070
<b>Fuel Spin-on</b>	P550529		BF7814	FF5507	P9626	LFF8059	33721
	P551319		BF7587	FF5319	P8335	LFF2749	33674
	P551315		BF7634	FF5324	P8451	LFF4783	33626
	P551318		BF7629	FF5269	P8191	LFF3349	33403
	P551712		BF614	FF5264	P3375	LFF5823B	33374
	P553004		BF988	FF5018	P4102	FP586F	33358
	P557440		BF970	FF185	P1104	LFP440F	33352
<b>Fuel Spin-on Secondary</b>		<b>DBF5782</b>	BF7932	FF5782	-- NA --	-- NA --	33944
	P550625		BF7753	FF5624	-- NA --	LFF5804	33640
	P556916		BF5810	FF5206	P1147G	LFP 816F	33120
<b>FFWS Cartridge</b>	P551423		BF7673D	FS19831	PS7407	L8683F	33759
<b>FFWS Spin-On</b>	P551010		BF1382SP	FS2007	-- NA --	-- NA --	33606
	P550848		BF1385SPS	FS19732	-- NA --	LFF9732	33732
	P551000		BF1259	FF1000	PS8048	LFF1000	33406
	P551316		BF7639	FF5317	P8430	LFF4102	33685
	P551329		BF1280	FS1280	P3401	LFF3417	33357
	P556915		BF5800	FF5207	P1146G	LFP815FN	33118
	P558000		BF5812	FS1212	PS3712	LFF8000	33405
<b>Hydraulic Cartridge</b>	P165239		PT8496MPG	HF6342	-- NA --	LP560HE	-- NA --
<b>Hydraulic Spin-on</b>	P550388		BT38710	HF6710	P3780	LFP449	51759
	P551551		BT83910	HF6510	P1653A	-- NA --	51551
	P551553		BT839	HF6057	P1654A	LFP1652	51553
<b>Hydraulic Spin-on, Duramax®</b>	P164378		BT8851MPG	HF6553	P6893	LFH4990	51494
	P165659		BT8874MPG	HF6587	-- NA --	LFH5659	51731

## Donaldson Filters for Popular Construction Equipment

Product Description	Donaldson	Donaldson Blue®	Baldwin	Fleetguard	Fram	Luber-finer	Wix
<b>Lube Cartridge Full Flow</b>	P557500		P7003	LF3485	CH3584	LP2247	51591
<b>Lube Spin-On Bypass</b>	P550425		B7685	LF3654	P9407	LFP8642	51660
	P550777		B7577	LF777	P3555A	LFP777B	51749
<b>Lube Spin-On Combination</b>	P553000	<b>DBL7300</b>	BD103	LF3000	HPH6349	LFP3000	51748
	P559000	<b>DBL7900</b>	BD7153	LF9000	PH8690	LFP9001	57745
<b>Lube Spin-On Full Flow</b>	P550020		BT259	LF678	PH20A	FP20	51243
	P550162		B179	LF3403	PH3593A	PH2808	51334
	P550367	<b>DBL7367</b>	B7030	LF3640	PH7138	LFP2285	51799
	P551019		BT595	LF3970	PH8942	LFP3970	57182
	P551670	<b>DBL7670</b>	B96	LF670	PH3612	LFP670/911	51970
	P552100	<b>DBL3998</b>	B495	LF3620	PH7405	LFP2160	51971
	P551807	<b>DBL7483</b>	B7700	LF3973	PH9376	LFP3236	57791
	P554005	<b>DBL7405</b>	B99	LF691A	PH3335	LFP4005	51792
	P558615		BT339	LF3349	PH3976	LFP780	51607
	P554560		BD7176	LF9050	-- NA --	LFP9024	57139

## Donaldson Blue® Hydraulic Filters

Product Description	Primary Application	Donaldson Blue®	Hydac	Pall	Parker	Hy-Pro
<b>Hydraulic Cartridge</b>	Schroeder KZ5 Series	<b>DBH6018</b>	2060529	HC9700FKN9H or CN9H	HF4L10VQ	HPKL9-6MB
	Schroeder KZ10 Series	<b>DBH6019</b>	2060530	HC9700FKS9H or CS9H	HF4L15VQ	HPKL9-12MB
	Schroeder KKZ5 Series	<b>DBH6020</b>	2060431	HC9700FKN18H or CN18H	932678Q	HPKL18-6MB
	Schroeder KKZ10 Series	<b>DBH6138</b>	2060432	HC9700FKS18H or CS18H	932679Q	HPKL18-12MB
	Schroeder 27KZ5 Series	<b>DBH6139</b>	2065004	HC9700FKN27H or CN27H	933487Q	HPKL27-6MB
	Schroeder 27KZ10 Series	<b>DBH6140</b>	2065005	HC9700FKS27H or CS27H	933488Q	HPKL27-12MB

## Donaldson Clean Solutions Filters

Part Number	Fluid Type	Target ISO	Filter Efficiency	Max. Flow Range	Part Number	Filter Qty.	Mounting Connection	Max. Flow Range
<b>Bulk Tank Filters</b>					<b>Filter Heads</b> (Max. Working Pressure 350 PSI/24.1 bar)			
DBB5333	All Diesel Fuels	14/13/11	4µ @ β2000	32 gpm/122 lpm	P570329	1	SAE-20 O-Ring	65 gpm/246 lpm
DBB8666	All Diesel Fuels	14/13/11	4µ @ β2000	65 gpm/246 lpm	P570330	1	1-1/4" NPT	65 gpm/246 lpm
DBB8665	Hydraulic & Transmission Oils	16/14/11	7µ @ β2000	65 gpm/246 lpm	P568583	2	1-1/2" SAE 4-Bolt	125 gpm/473 lpm
DBB7733	All Diesel Fuels	16/14/11	7µ @ β2000	32 gpm/122 lpm				
DBB8777	All Diesel Fuels	16/14/11	7µ @ β2000	65 gpm/246 lpm				
DBB8664	Engine & Gear Oils	18/16/13	25µ @ β2000	65 gpm/246 lpm				
DBB0248*	Ethanol-Free Fluids		20µ @ β2000	65 gpm/246 lpm				

\* - Designed with expanding, water-absorbing media that prevents water from entering storage or equipment tanks.

# Finding your Donaldson filter online has never been easier.



## DISCOVER.

Looking for a complete filtration system or advice on choosing the right filter option? Go online to **donaldson.com** to learn about the broad range of filtration solutions offered by Donaldson – and to help you decide which option is right for your application.

## DECIDE.

If you're an equipment owner that needs to purchase filters and parts – it's easy to find the right Donaldson part, make an online shopping list and even request a quote from one of our distributors. We make finding filters *easier than easy* at **shop.donaldson.com**.



Donaldson Company, Inc.  
Minneapolis, MN

[donaldson.com](http://donaldson.com)  
[shop.donaldson.com](http://shop.donaldson.com)

North America 800-374-1374  
Mexico, Latin America, &  
Caribbean 52-449-300-2400  
Brazil 55-11-4894-6339  
Europe 32-16-38-3811  
South Africa 27-11-997-6000

Southeast Asia 65-6311-7373  
Greater China 86-400-650-0610  
Japan 81-42-540-4112  
Korea 82-2-517-3333  
Australasia 61-02-4350-2033  
India 91-124-4807-400

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