Donaldson
FILTRATION SOLUTIONS

Donaldson Delivers

Fuel, Lube & Coolant Filters That Work As Hard As You Do

Superior Uptime Performance

Donaldson filters work hard to remove harmful contaminants from your engine liquids. They enhance engine and equipment life and performance while protecting the environment.

When you demand Donaldson for your liquid filtration needs, you get more than just a spin-on or cartridge filter. You have confidence that you are using a brand name the OEMs trust. For over 90 years, Donaldson has supplied OEM filtration technology for diesel engines – with nearly 30 years of experience in liquid filtration. You get quality and value in aftermarket replacement filters with more uptime.

The same filtration technology and expertise you've come to expect from Donaldson air filters is in every liquid filter we design and manufacture.

Fuel Filtration

Donaldson fuel filters help prevent premature injector and pump wear by delivering clean fuel to your engine. Donaldson manufactures fuel filters for diesel engines that meet or exceed your application requirements. Donaldson Twist&Drain™ filters are available with multiple style drains valves, including integrated water-in-fuel (WIF) sensors or threaded sensor ports that work with your existing OEM sensors. An optional clear water collection bowl for visual water inspection is also available.

Donaldson Blue™ fuel filters with Synteq XP™ media technology provide superior contaminant removal and better particle retention, delivering the cleanest fuel – period.

Lube Filtration

Donaldson lube filters protect your engine by capturing wear metals, soot and other contaminants in your engine oil. Donaldson carries a complete line of diesel oil filters – in both standard life and Donaldson Blue™ for extended service intervals. Donaldson Blue™ lube filters with Synteq™ media deliver improved lubricant flow, improved cold start performance and a higher level of engine protection to prolong engine and equipment life.

Coolant Filtration

Donaldson coolant filters remove contaminants and maintain cooling system balance – helping to keep today's hot-running engines cool and reducing downtime. Donaldson Blue™ coolant filters replenish your coolant for longer filter life and extended service intervals.

See the Donaldson Difference

Filters Designed to Enhance Engine Performance and Equipment Life

Thread Plate

- Tapered profile makes installation easy, almost no chance of cross-threading

Seam

- Fully tucked seams for added strength and durability

Housing Can

- Heavy-duty coated shell, rounded dome and corner radius for superior fatigue performance

Inner Spring

- Our heavy duty coil spring seals the grommet between baffle plate and underside of the filter

Gaskets

- Designed to withstand the unique chemical properties of oil, fuel and hydraulic fluids

Inner Seals

- Critical seal between thread plate and filter cartridge
- Donaldson filters use a molded elastomer seal

Filter Cartridge

- Donaldson has design and manufacturing experience with both metal (traditional) and metal-free cartridge filters

Filter Media

- 34 different media formulations designed to meet or exceed application requirements

Center Tube

- Donaldson louvered center tube and spiral lock seam design allows more flow area with greater collapse strength
- The louvers all face the center of the filter, keeping the media side surface smooth, which eliminates pleat tip wear

Our innovative filtration solutions will protect your engine components and extend the life of your equipment. Donaldson liquid filters provide high efficiency and capacity for long service life – keeping your business running smoothly.

Your Donaldson authorized representative is your partner for all your diesel engine filtration needs.

Cross Reference by Primary Application and Filter Type

Donaldson	Baldwin	Fleetguard	Fram	Luber-finer	Wix
Caterpillar					
FUEL SPIN ON PRIMARY					
P551311*	BF7587	FF5319	P8335	LFF2749	33674
P551315	BF7634	FF5324	P8451	LFF4783	33626
P551316	BF7639	FF5317	P8430	LFF4102	33685
P551712	BF614	FF5264	P3375	LFF5823B	33374
P557440	BF970	FF185	P1104	LFP440F	33352
LUBE SPIN ON FULL FLOW					
P551808	B7299	LF3566	NA	NA	NA
P554005	B99	LF691A	PH3335	LFP4005	51792
P554105	B49	LF691	NA	NA	NA
P555570	BT230	LF3342	PH3519	LFP5570	51268
P555680	BT274	LF654	PH36	LFP791	51261
P556007	B75	LF3328	PH3545	LFP6007	51798
Cummins					
FUEL SPIN ON PRIMARY					
P550248	BF1226	FS1251	P3522A	LFF8062	33472
P551000	BF1259	FF1000	PS8048	LFF1000	33406
P551001	BF1258	FS1001	NA	LFF1001	33407
P551103	BF1378SPS	FS1003	PS8687	LFF1003	33604
P552006	BF1262	FS1006	NA	LFF1021	33645
P558000	BF5812	FS1212	PS3712	LFF8000	33405
P550202	BF596	FF202	P3403A	LFF202	33116
P551329	BF1280	FS1280	P3401	LFF3417	33357
P552203	BF7760	FF2203	P1103A	LFF2203	33691
FUEL SPIN ON SECONDARY					
DBF5782	BF7932	FF5782	NA	NA	33944
DBF5811	NA	FF5811	NA	NA	NA
DBF6776	NA	NA	NA	NA	NA
P555686	BF9860	FF5686	NA	NA	NA
P555776	NA	FF5776	NA	NA	NA
P550440	BF788	FF5052	P3711	LFF3521	33358
P552200	BF7766	FF2200	NA	LFF2201	33711
P555686	BF9860	FF5686	NA	NA	NA
LUBE SPIN ON COMBINATION					
P553000	BD103	LF3000	HPH6349	LFP3000	51748
LUBE SPIN ON FULL FLOW					
P550428	BT595	LF3970	PH8942	LFP3970	57182
P551670	B96	LF670	PH3612	LFP670/911	51970
P558615	BT339	LF3349	PH3976	LFP780	51607
P558616	BT427	LF3345	PH3900	LFP3900	51602
P559000	BD7153	LF9000	PH8690	LFP9001	57745
Detroit Diesel					
FUEL SPIN ON PRIMARY					
P550958	BF784	FF5036	P3804	LFP958F	33958
P556915	BF5800	FF5207	P1146G	LFP815FN	33118
FUEL SPIN ON SECONDARY					
P550928	BF593	FF5021	P3595	LFP928F	33122
P550959	BF785	FF5037	P3805	LFP959F	33959
P556916	BF5810	FF5206	P1147G	LFP816F	33120
LUBE SPIN ON BYPASS					
P550777	B7577	LF777	P3555A	LFP777B	51749

Donaldson	Baldwin	Fleetguard	Fram	Luber-finer	Wix
Detroit Diesel, continued					
LUBE SPIN ON FULL FLOW					
P551670	B96	LF670	PH3612	LFP670/911	51970
P552100	B495	LF3620	PH7405	LFP2160	51971
Ford					
LUBE SPIN ON FULL FLOW					
P550731	B157	LF3443SC	PH7014	LFP781	51754
P550784	B134	LF3344	PH3766	LFP784	51742
Mack					
FUEL SPIN ON PRIMARY					
P550219	BF877	FF172	P1109	LFP219F	33219
P554470	BF7656	FF5381	P8049	LFF4470	33588
FUEL SPIN ON SECONDARY					
P550218	BF876	FF171	P1110	LFP218F	33218
P550431	BF976	FF222	P3431	LFP431F	33216
P554471	BF7657	FF5382	P8050	LFF4471	33587
LUBE CARTRIDGE					
P552231	BC7242	CS41011	P9520	LP3985	57703
LUBE SPIN ON FULL FLOW					
P551807	B7700	LF3973	NA	NA	57791
P553191	B7600	LF667	PH49A	LFP3191	51791
Mercedes					
FUEL CARTRIDGE					
P550769	P7230	LF16046	CH9558	LP8995	57213
LUBE CARTRIDGE FULL FLOW					
P550762	PF7761	FF5405	C9559	L8994F	33628
Navistar					
FUEL SPIN ON SECONDARY					
P552603	BF588	FF5019	P1121	FP603	33338
FUEL CARTRIDGE SECONDARY					
P550821	PF7986	FS19869	33991	CS10853	L7694F
LUBE SPIN ON FULL FLOW					
P550367	B7030	LF3640	PH7138	LFP2285	51799
P550371	B7039	LF3630	PH3786	LFP2286	51734
P555616	BT261	LF3316	PH39	PH675	51784
Volvo					
FUEL SPIN ON PRIMARY					
P553004	BF988	FF5018	P4102	FP586F	33358
LUBE SPIN ON BYPASS					
P550425	B7685	LF3654	P9407	LFP8642	51660
LUBE SPIN ON FULL FLOW					
P551807	B7700	LF3973	NA	NA	57791
Other Popular Filters					
SCA SPIN ON COOLANT					
P554071	BW5136	WF2051	PR3304	LFW4071	24030
DAVCO FUEL PRO 380/382 FFWS CARTRIDGE					
P550463	PF7680	FF5369W	C8017	L3578F	33651
P550467	PF7748	FS19613	NA	NA	NA
P550737	PF7755	FS19729	NA	L9729F	33657

* P551319 is a higher capacity version of the P551311

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