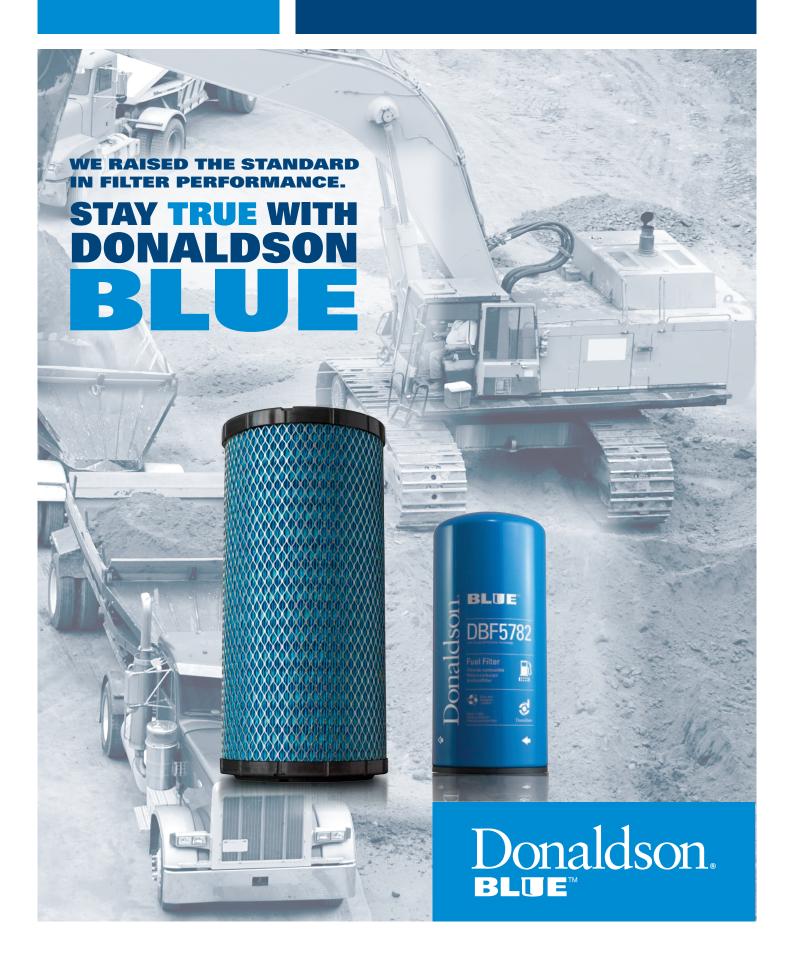


Donaldson Blue[™]

The Broadest Premium Filter Coverage for On- and Off-road Equipment











Donaldson Blue™ filters reduce operating cost and increase equipment uptime

Choosing the best Donaldson filtration solutions for heavy-duty engines and equipment is now easier than ever. They're all blue. **Donaldson Blue™** to be exact. Made using Donaldson's most advanced filtration technologies, Donaldson Blue filters are the definitive choice to protect equipment, reduce maintenance cost and increase equipment uptime.

With more than 150 air intake, lube, coolant, and on-board fuel filters - plus advanced bulk fuel filtration systems that clean fuel before its pumped into equipment – Donaldson Blue filters give you the broadest premium coverage of any filtration brand. And since they are direct replacements, installation is easy and precise. Best of all, you can trust Donaldson Blue filters to clean in the hard-working environments that heavy-duty equipment encounter every day.

Proven Nanofibers Make a BIG Difference

The Donaldson Blue line includes proven technologies like Ultra-Web® nanofiber media for air filtration, Synteg™ media for lube and coolant, and game-changing Synteg XP™ media for fuel filtration. These Donaldson proprietary media technologies stop more contaminant than standard cellulose filters, which leads to better engine protection and longer engine life.



Donaldson Blue[™] Air Filters

Donaldson, the company that invented air filters for heavy-duty diesel engines almost 100 years ago, was also the first to develop nanofiber air filter media for the diesel engine market nearly 20 years ago.

Ultra-Web® Advantages

- Engineered to perform in extreme temperature and humidity conditions, unlike ordinary nanofibers
- Proven in the real word used in diesel engines for nearly two decades
- On-highway trucks are guaranteed to go twice the distance compared to standard cellulose filters

Longer Engine Life

In laboratory and field tests, **Donaldson Blue™** air filters provided better engine protection by allowing much less contaminant to pass through than cellulose air filters. Donaldson Blue air filters also reach an optimal 99.97% efficiency much quicker than conventional cellulose filters - and have an overall efficiency up to 99.99%! Equipment owners using Donaldson Blue filters with Ultra-Web media experience improved engine protection and power, plus lower overall life-cycle costs.

Longer Filter Life

Cellulose Media Cellulose fibers are larger than

Ultra-Web® nanofibers and

have larger spaces between

depth of the media and plug the

airflow path, resulting in higher restriction and less capacity.

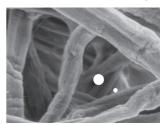
the fibers, which causes contaminant to load in the

The smaller interfiber spaces of Ultra-Web® nanofiber technology hold more submicron contaminant than conventional filters with cellulose media. The high dust-holding capacity of submicron particles promotes longer filter life.

Media Comparative Cross Section

Conventional Cellulose





Donaldson Blue™ Ultra-Web® Nanofiber Technology



submicron diameters and smal nterfiber spaces, which result captured on the surface of

ULTRA-WEB

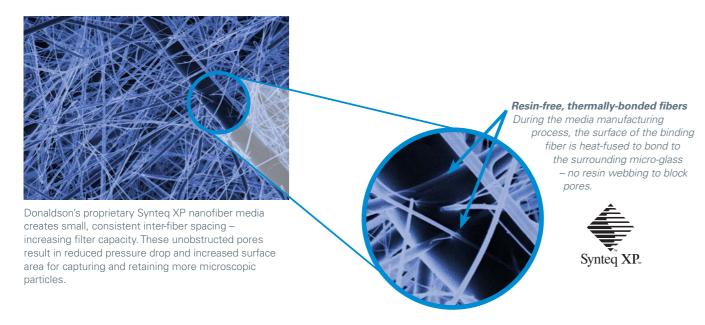
Enlarged Top Views of Media (at the same magnification.) White circles represent the diameter of a 2μ and a 5μ particle.

Donaldson Blue[™] Fuel Filters

Industry-Shaping Synteq XP™ Media Technology

On-engine fuel filters are your last chance to remove contaminant from your fuel system. It's critical that your filters remove – and retain – as much contaminant as possible in all types of operating conditions. **Donaldson Blue™** filters with Synteq XP media technology provide premium protection for Cummins® QSK engine fuel systems. They offer better contaminant removal and better contaminant retention under the challenging operating conditions your engines and equipment face every day.

Cummins® is a registered trademark of Cummins, Inc.



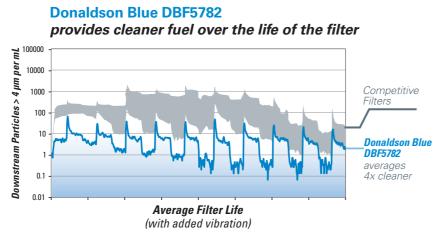
PERFORMANCE UNDER ENGINE VIBRATION AND PARTICLE RETENTION

Compared to the competition's best product, the Donaldson Blue DBF5782 averages **4x CLEANER** under heavy-duty vibration testing over the life of the filter. Lower particle release means less micro-contamination flowing downstream to fuel injectors.

cleaner fuel THAN THE BEST COMPETITIVE FILTER

Donaldson Blue DBF5782 averages 4x lower downstream particle concentration than the competition's best products.

Particle retention was tested under SAE J1985 single-pass test standards with added vibration. Test conducted March – April 2013 with a sample size of six filters per manufacturer.



Donaldson Blue[™] Lube and Coolant Filters

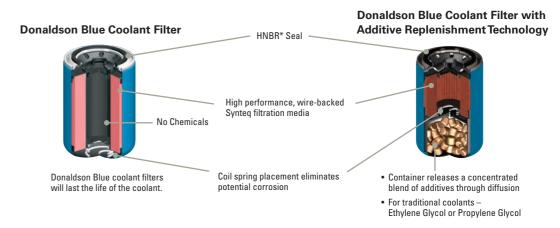
Extended Service Lube Filtration

Donaldson Blue™ lube filters with Synteq™ media reduce oil consumption, increase engine protection and reduce operating costs. They provide the optimal balance of efficiency, capacity and restriction, and remove **more than 90% of contaminants** that are 10 microns or larger, compared to 50% or less for typical cellulose filters. At the same time, they deliver **nearly double** the contaminant carrying capacity of standard cellulose filters. Fully synthetic Synteq media also delivers **lower restriction** to provide **maximum oil flow**. Donaldson Blue lube filters are designed specifically to provide **longer filter life** – a critical component of any extended filter maintenance program.



Extended Service Coolant Filtration

Donaldson Blue coolant filters use Synteq media to remove fine contaminants from sensitive coolant systems. Donaldson Blue coolant filters with *Additive Replenishment Technology* also maintain cooling system balance through a controlled release of additives, which **extends the coolant maintenance interval** up to once a year or 150,000 miles / 195,000 km.



Clean Fuel and Lube Solutions

Contaminants and water are enemies of modern diesel engines, robbing vehicles and equipment of performance and longevity. Removing contaminantion **prior to pumping fluids** into equipment helps on-board filters do their job better, while protecting pumps and injectors.



Donaldson Blue bulk fuel filters help:

- Prevent unscheduled downtime
- Save on costly component replacement
- Improve fuel economy
- Protect your investment with confidence

Cross Reference/Primary Application

Donaldson Blue[™] Air – Off-road

DBA5215 (EAF5215)	P119135	AF940K	PA2541FN	LAF1722	46606	Massey Ferguson Equipment
DBA5136 (EAF5136)	P124867	AF4553M	PA2573 / PA2573XP	LAF1845	42235	Donaldson FVG16 Air Cleaner
DBA5203 (EAF5203)	P126318	AF939	PA2509	LAF1882	42495	Allis-Chalmers Equipment
DBA5202 (EAF5202)	P127075	AF1917M	PA2421	LAF1846	42471	John Deere Equipment
DBA5128 (EAF5128)	P127308	AF1921M	PA2902	LAF8634	46854	FTG15 Air Cleaner
DBA5164 (EAF5164)	P131404	AF413	PA1706 / PA1706XP	LAF3535A	42130	Off-Highway Applications
DBA5137 (EAF5137)	P134353	AF1862M	PA2577	LAF1834	46544	Clark Equipment
DBA5212 (EAF5212)	P136254	AF1659	PA1926	LAF8550	42917	John Deere Equipment
DBA5002 (EAF5002)	P181002 / P182002	AF472 / AF472M	PA1846 / LL1846 / PA1846XP	LAF6632 / LAF6632MXM	42422	Donaldson FHG16 Air Cleaner
DBA5034 (EAF5034)	P181034 / P182034	AF418 / AF418M	PA1884 / LL1884 / PA1884XP	LAF6587 / LAF6587MXM	42119	Donaldson FHG12 Air Cleaner
DBA5038 (EAF5038)	P181038 / P182038	AF879 / AF879M	PA2363 / LL2363 / PA2363XP	LAF5069 / LAF5069MXM	42440	Donaldson SRG20, SRG29 Air Cleaner
DBA5039 (EAF5039)	P181039 / P182039	AF851M	PA1894 / LL1894 / PA1894XP	LAF9155 / LAF9155MXM	42128	Donaldson STG16 Air Cleaner
DBA5040 (EAF5040)	P181040 / P182040	AF899 / AF899M	PA2453 / LL2453 / PA2453XP	LAF1818 / LAF1818MXM	42238	Donaldson SRG20, SRG29 Air Cleaner
DBA5041 (EAF5041)	P181041 / P182041	AF421M	PA1886 / LL1886 / PA1886XP	LAF9086 / LAF9086MXM	42225	Donaldson STG14 Air Cleaner
DBA5042 (EAF5042)	P181042 / P182042	AF1605M	PA2562 / LL2562 / PA2562XP	LAF8407 / LAF8407MXM	42258	Donaldson STG16 Air Cleaner
DBA5043 (EAF5043)	P181043 / P182043	AF1828	PA2518 / LL2518 / PA2518XP	LAF1810	42493	Donaldson FVG14 Air Cleaner
DBA5204 (EAF5204)	P181045 / P182045	AF350K	PA1636FN / LL1636FN	LAF234HD	42234	FWA10 or FWG10 Air Cleaner
DBA5046 (EAF5046)	P181046/P182046	AF424 / AF424M	PA1885 / LL1885 / PA1885XP	LAF6769 / LAF6769MXM	42208	Donaldson FHG14 Air Cleaner
DBA5049 (EAF5049)	P181049/P182049	AF891 / AF891M	PA2456 / LL2456 / PA2456XP	LAF6453 / LAF6453MXM	42546	Donaldson FVG16 Air Cleaner
DBA5134 (EAF5134)	P181052/P182052	AF437K / AF437KM	PA1667FN / LL1667FN	LAF222	42222	Donaldson FWA06 or FWG06 Air Cleaner
DBA5054 (EAF5054)	P181054/P182054	AF409K / AF409KM	PA1681FN / LL1681FN	LAF1246	42126	Donaldson FWA08 or FWG08 Air Cleaner
DBA5057 (EAF5057)	P181057	AF888M	PA2326 / LL2326 / PA2326XP	LAF6127	42691	Donaldson FWD16 or FVG16 Air Cleaner
DBA5059 (EAF5059)	P181059 / P182059	AF1733K / AF1733KM	PA2418FN / LL2418FN	LAF1544	42321	Donaldson FHG08 Air Cleaner
DBA5234 (EAF5234)	P181063 / P182063	AF1735K	PA2426FN / LL2426FN	LAF9001	42522	Donaldson FHG09 Air Cleaner
DBA5233 (EAF5233)	P181064 / P182064	AF434KM	PA1902FN / LL1902FN	LAF8668	42919	Donaldson FHG10 Air Cleaner
DBA5126 (EAF5126)	P181070 / P182070	AF1934M	PA2688 / LL2688	LAF1813	46722	Donaldson FTG11 Air Cleaner
DBA5127 (EAF5127)	P181082 / P182082	AF975M	PA2582 / LL2582	LAF1787	42216	Donaldson FTG13 Air Cleaner
DBA5163 (EAF5163)	P181103	AF344M	PA1615 / LL1615 / PA1615XP	LAF47	42047	Caterpillar Equipment
DBA5165 (EAF5165)	P181120	AF873M	PA2384 / LL2384 / PA2384XP	LAF8483 / LAF8483MXM	42680	Caterpillar Equipment
DBA5211 (EAF5211)	P181163	AF4736	PA2666	LAF1163	42917	John Deere Equipment
DBA5213 (EAF5213)	P522449	AF4743K	PA2846FN	LAF1907	46389	Komatsu Equipment
DBA5218 (EAF5218)	P532473	AF25131M	RS3508 / RS3508XP	LAF4273 / LAF4273MXM	46476	Caterpillar Equipment
DBA5217 (EAF5217)	P532501	AF25125M	RS3504 / RS3504XP	LAF4501 / LAF4501MXM	46479	Caterpillar Equipment
DBA5220 (EAF5220)	P532503	AF25129M	RS3506 / RS3506XP	LAF4503 / LAF4503MXM	46607	Donaldson FRG13 Air Cleaner
DBA5216 (EAF5216)	P532505	AF25135M	RS3510 / RS3510XP	LAF4505 / LAF4505MXM	46593	Caterpillar Equipment
DBA5232 (EAF5232)	P532509	AF25137M	RS3514 / RS3514XP	LAF4509	46742	Caterpillar Equipment
DBA5219 (EAF5219)	P533882	AF25262	RS3700 / RS3700XP	LAF5022	46746	Caterpillar Equipment
DBA5230 (EAF5230)	P536457	AF25589	RS3736	LAF8145 / LAF8145MXM	46701	Donaldson FRG11 Air Cleaner
DBA5210 (EAF5210)	P537778	AF25460M	RS3718	LAF8110	46784	Case Equipment
DBA5221 (EAF5221)	P537876	AF25437	RS3744 / RS3744XP	LAF8669	42803	Case Equipment
DBA5208 (EAF5208)	P548900	AF25595	RS3926	LAF8769	46811	Case Equipment

Donaldson Blue™	Donaldson Standard	Fleetguard	Baldwin	Luber-finer	Wix	Primary Application
DBA5229 (EAF5229)	P549523	_	_	_	49523	Donaldson FRG16 Air Cleaner
DBA5224 (EAF5224)	P601280	_	RS5478FN	_	49280	Donaldson FRG09 Air Cleaner
DBA5223 (EAF5223)	P601437	_	RS5395FN	_	49437	Donaldson FRG08 Air Cleaner
DBA5231 (EAF5231)	P601767	_	RS5442	LAF4140	49767	Donaldson FRG12 Air Cleaner
DBA5222 (EAF5222)	P601790	_	_	_	49690	Donaldson FRG10 Air Cleaner
DBA5116 (EAF5116)	P777868	AF25454	RS3870	LAF8150	46770	Terex Equipment
DBA5226 (EAF5226)	P780522	AF25957	RS3971	LAF9547	42330	Donaldson FPG09 Air Cleaner
DBA5228 (EAF5228)	P781039	AF25964	RS3734 / RS3734XP	LAF8149	46761	Donaldson FPG10/FRG10 Air Cleaner
DBA5156 (EAF5156)	P781098	AF26207	RS4989	LAF5568	42847	Donaldson FRG18 Air Cleaner
DBA5129 (EAF5129)	P781398	AF25830	RS4579	LAF5973	42312	Volvo Equipment
DBA5207 (EAF5207)	P782106	AF26401	RS3998 / RS3998XP	LAF6998	49811	Atlas Copco Equipment
DBA5214 (EAF5214)	P814723	AF4758KM	PA3785FN	LAF8225	46368	Komatsu Equipment
DBA5225 (EAF5225)	P827653	AF25555	RS3542	LAF7653	46671	Donaldson FPG07 Air Cleaner
DBA5227 (EAF5227)	P828889	AF25557	RS3544	LAF4544 / LAF4544MXM	46562	Donaldson FPG08 Air Cleaner

Donaldson $Blue^{TM}$ Air - On-road

Donaldson Blue™	Donaldson Standard	Fleetguard	Baldwin	Luber-finer	Wix	Primary Application
DBA5007 (EAF5007)	P181007 / P182007	AF853 / AF853M	PA2312 / LL2312	LAF7797	42966	Donaldson EBA13 Air Cleaner
DBA5008 (EAF5008)	P181008 / P182008	AF852 / AF852M	PA2317 / LL2317	LAF6918	42961	Donaldson EBA15 Air Cleaner
DBA5014 (EAF5014)	P181014 / P182014	AF886 / AF886M	PA2425 / LL2425	LAF6300	42776	Donaldson EBA13 Air Cleaner
DBA5015 (EAF5015)	P181015 / P182015	AF982 / AF982M	PA2525 / LL2525	LAF9544	42491	Donaldson EBB14 Air Cleaner
DBA5016 (EAF5016)	P181016 / P182016	AF1616 / AF1616M	PA2493 / LL2493 / LL2516	LAF8494 / LAF8494MXM	42941	Donaldson EBA13 Air Cleaner
DBA5024 (EAF5024)	P151097	AF954M	PA3951	_	42610	Donaldson EBA11 Air Cleaner
DBA5025 (EAF5025)	P140822	AF931M	PA2500	LAF9472	42611	Donaldson EBA09 Air Cleaner
DBA5026 (EAF5026)	P141228	AF1797M	PA2632	LAF2831	46885	Donaldson EBA13 Air Cleaner
DBA5027 (EAF5027)	P142100	AF1817 / AF1817M	PA2631	LAF2100	46860	Donaldson EBA13 Air Cleaner
DBA5028 (EAF5028)	P181028 / P182028	AF979 / AF979M	PA2521 / LL2521	LAF9545	42253	Donaldson EBB12 Air Cleaner
DBA5029 (EAF5029)	P150694	AF1846	PA2660	LAF694	46876	Donaldson ECG11 Air Cleaner
DBA5047 (EAF5047)	P150695	AF1969 / AF1969M	PA2680	LAF695	46882	Donaldson ECG11 Air Cleaner
DBA5048 (EAF5048)	P151028	AF1808M	PA2628	LAF2550	46880	Peterbilt Trucks
DBA5053 (EAF5053)	P153551	AF1968 / AF1968M	PA2705	LAF3551 / LAF3551MXM	46883	Donaldson ECG11 Air Cleaner
DBA5055 (EAF5055)	P155842	AF4535M	PA2704	LAF5842	46800	Donaldson ECG11 Air Cleaner
DBA5056 (EAF5056)	P181056	AF928M	PA2330 / LL2330	LAF928	42982	Donaldson EBB14 Air Cleaner
DBA5061 (EAF5061)	P522293	AF4588M	PA2732	LAF1770	_	Donaldson EBA11 Air Cleaner
DBA5065 (EAF5065)	P522874	AF25668	PA2839	LAF1839	46623	MCI Busses
DBA5066 (EAF5066)	P526678	AF25040	RS3520	LAF4497	46581	Freightliner Trucks
DBA5067 (EAF5067)	P527484	AF4878	RS2863 / RS2863XP	LAF1878	46433	Donaldson EPG11 Air Cleaner
DBA5069 (EAF5069)	P527682	AF25139M	RS3518	LAF1849 / LAF1849MXM	46556	Donaldson EPG15 Air Cleaner
DBA5074 (EAF5074)	P771003	AF1965M	PA2677	LAF3705	46609	Mack Trucks
DBA5095 (EAF5095)	P181095 / P182095	AF1897M	PA2685 / LL2685	LAF1095	46675	Donaldson EBB16 Air Cleaner
DBA5096 (EAF5096)	P181096 / P182096	AF1943M	PA2661 / LL2661	LAF4365	46596	Donaldson EBB15 Air Cleaner
DBA5097 (EAF5097)	P141317	AF1743M	PA2703	LAF1899	46840	International Trucks
DBA5098 (EAF5098)	P540388	AF25435	RS3740	LAF5722	46772	Volvo Trucks
DBA5099 (EAF5099)	P181099 / P182099	AF872 / AF872M	PA2333 / LL2333	LAF8047	46726	Donaldson EBB16 Air Cleaner
DBA5100 (EAF5100)	P534816	AF25247	RS3539	LAF4816	46843	Donaldson ERA13 Air Cleaner
DBA5101 (EAF5101)	P534925	AF25248	RS3534	LAF3302	46863	Donaldson ERA15 Air Cleaner
DBA5102 (EAF5102)	P181186	AF996M	PA2608 / LL2608	LAF2608	46868	Peterbilt Trucks
DBA5104 (EAF5104)	P533235	AF25033M	RS3530 / RS3530XP	LAF1953 / LAF1953MXM	46745	Donaldson EPG15 Air Cleaner
DBA5105 (EAF5105)	P532966	AF25667	RS3517 / RS3517XP	LAF4498	46744	Donaldson EPG11 Air Cleaner

Donaldson Blue™	Donaldson Standard	Fleetguard	Baldwin	Luber-finer	Wix	Primary Application
DBA5106 (EAF5106)	P534096	AF26657	RS3516	LAF2536 / LAF2536MXM	46842	Peterbilt Trucks
DBA5107 (EAF5107)	P549644	AF25598	RS3750	LAF5873	42455	Kenworth Trucks
DBA5108 (EAF5108)	P600676	AF25687	RS3936	LAF8691	46353	Mack Trucks
DBA5109 (EAF5109)	P533930	AF25354	RS3548 / RS3548MXM	LAF3930	46664	Donaldson EPG13 Air Cleaner
DBA5114 (EAF5114)	_	AF26363	RS4634	LAF5114MXM	42808	Mack Trucks
DBA5147 (EAF5147)	P537355	AF26330	RS4646	LAF6681	49255	Donaldson ERA11 Air Cleaner
DBA5148 (EAF5148)	P544741	_	_	_	_	Donaldson ERA11 Air Cleaner
DBA5149 (EAF5149)	P544950	AF26417	RS4618	LAF4618	46348	Donaldson ERA13 Air Cleaner
DBA5150 (EAF5150)	P544301	_	_	_	_	Donaldson EAR15 Air Cleaner
DBA5151 (EAF5151)	P544243	AF25955	RS4572	LAF6243	42798	Donaldson ERA15 Air Cleaner
DBA5187 (EAF5187)	P181187	AF1731	PA2092	LAF388	46255	Ford Trucks
DBA5188 (EAF5188)	P181188	AF1878	PA2116	LAF588	46204	International Trucks
DBA5189 (EAF5189)	P181189	AF1886M	PA2642 / LL2642	LAF8727	46350	Ford Trucks
DBA5194 (EAF5194)	P181017	AF960	PA2503	LAF1591	42700	Donaldson EBA11 Air Cleaner

Donaldson Blue™ Fuel, Lube and Coolant

Donaldson Blue™	Donaldson Standard	Fleetguard	Baldwin	Luber-finer	Wix	Primary Application
DBF5782 NEW	_	FF5782	BF7932	_	33944	Cummins® QSK Engines
DBL3998 (ELF3998)	P552100	LF9620	B495MPG	LFP2160XL	51971XD	Detroit Diesel Series 60 Engines
DBL7300 (ELF7300)	P553000	LF9039	BD7309	LFP3000XL	51748XD	Cummins® Engines
DBL7345 (ELF7345)	P558616	LF3805	_	_	_	Cummins® 4B 3.9 Series Lube
DBL7349 (ELF7349)	P558615	LF9028	BT7349	LFP780XL	57620XE	Cummins® 4B and 6.B Series Lube
DBL7367 (ELF7367)	P550367	LF9026	_	LFP2285XL	_	Navistar Engines
DBL7405 (ELF7405)	P554005	LF9691	B7249MPG	LFP4005XL	51792XD	Caterpillar Engines
DBL7483 (ELF7483)	P553191 / P550519	LF9667	_	LFP3191XL	_	Mack/Volvo Engines
DBL7670 (ELF7670)	P551670	LF9325	B96MPG	LFP670XL	51970XD	Cummins® Engines/ Detriot Desiel Engines
DBL7690 (ELF7690)	P550769	LF16046	_	_	57213	Mercedes Engines
DBL7739 (ELF7739)	P554004	LF3379	B76MPG	LFP3191	51791XE	Caterpillar Equipment
DBL7900 (ELF7900)	P559000	LF9031	_	_	57746XD	Cummins® ISK Engines and ISM Engines
DBL7947 (ELF7947)	P550947	LF3363SC	_	_		Detriot Desiel Engines
DBC4081 (ECF4081)	_	WF2129	B5145	LFW5142XL	24091	Extended Service 150K non-chemical coolant filter, Volvo
DBC4085 (ECF4085)	P554685	WF2123	B5090	LFW4685XL	24084	Extended Service 150K non-chemical coolant filter
DBC4086 (ECF4086)	_	WF2130	B5144	LFW5141XL	_	Extended Service 150K non-chemical coolant filter, Volvo
DBC4088 (ECF4088)	P554071	WF2131	BW5200	LFW6500	24088	Extended Service 150K coolant with chemical filter
DBC4089 (ECF4089)	P552096	WF2128	_	LFW6501	24090	Extended Service 150K coolant, Volvo



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