



Donaldson Delivers  
**A Single Source for  
Mining Filtration**

Keep your  
equipment  
running clean  
in a gritty  
world.



# Donaldson delivers the most comprehensive line of filtration solutions for above and below ground mining, processing and distribution.

## Filters That Move the Earth.

Donaldson delivers increased engine and equipment protection, extended service intervals, reduced downtime and increased operating efficiency. It all adds up to maximizing your uptime across your entire operation with filtration solutions from Donaldson.

Processing Plant



Face Shovel



Drag Line



Haul Truck



## Surface Mining

Air cleaners and filters  
Lube, fuel and coolant filters

Transmission and power steering filters

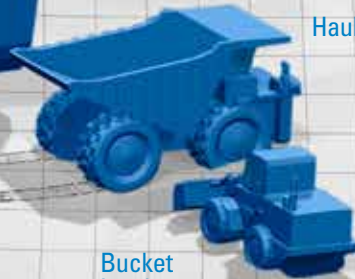
Bulk fuel and lubricant filters

Hydraulic housings and filters

Compressed air and gas filtration

Full line of replacement parts and accessories

Bucket Loader



## Processing, Refining and Distribution

Process liquid filtration

Industrial replacement service parts

Mobile and stationary on-compressor system filtration

Air, lube and fuel filtration for diesel engines

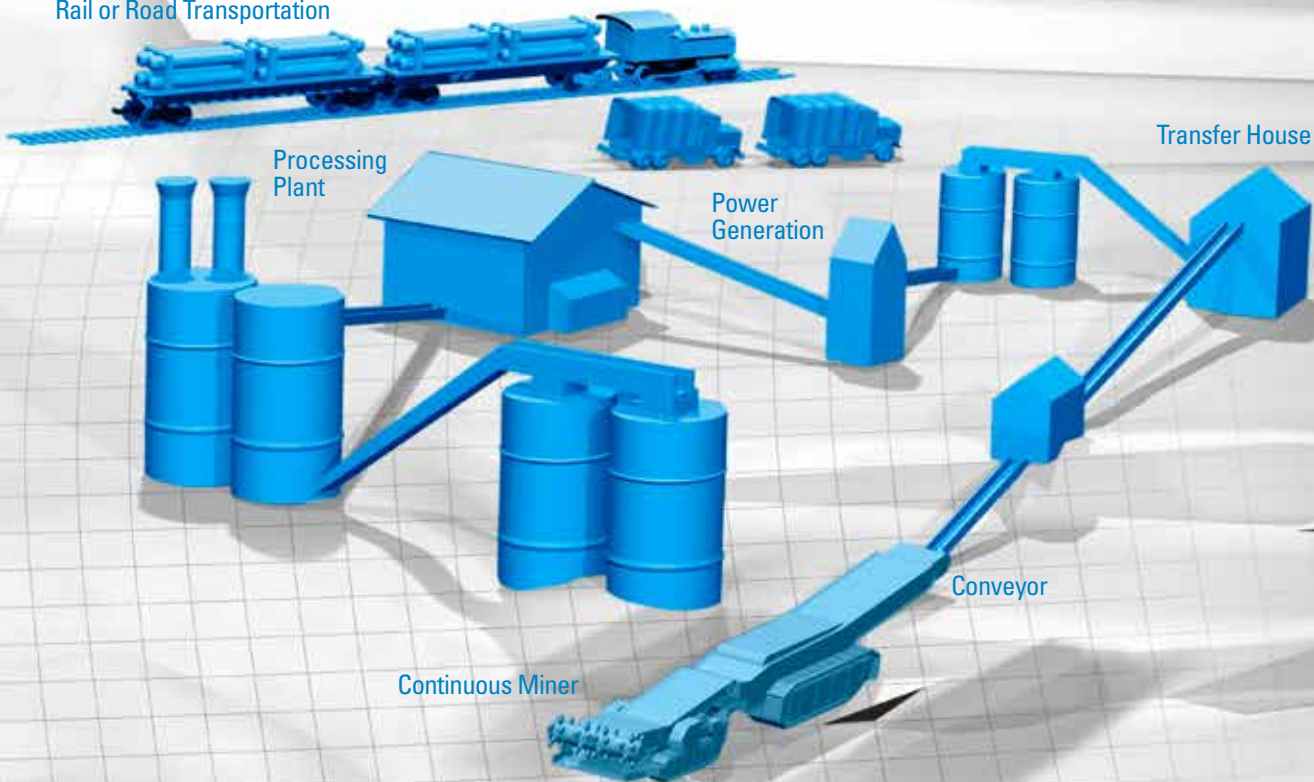
Bulk fuel and lubricant filtration

Power generation filtration

Bearing lube filtration

Full line of replacement parts and accessories

Rail or Road Transportation



## Underground Mining

Industrial and mobile hydraulic filtration

High temperature exhaust filtration

Gearbox filtration

Air, lube and fuel filtration for diesel engines

Full line of replacement parts and accessories

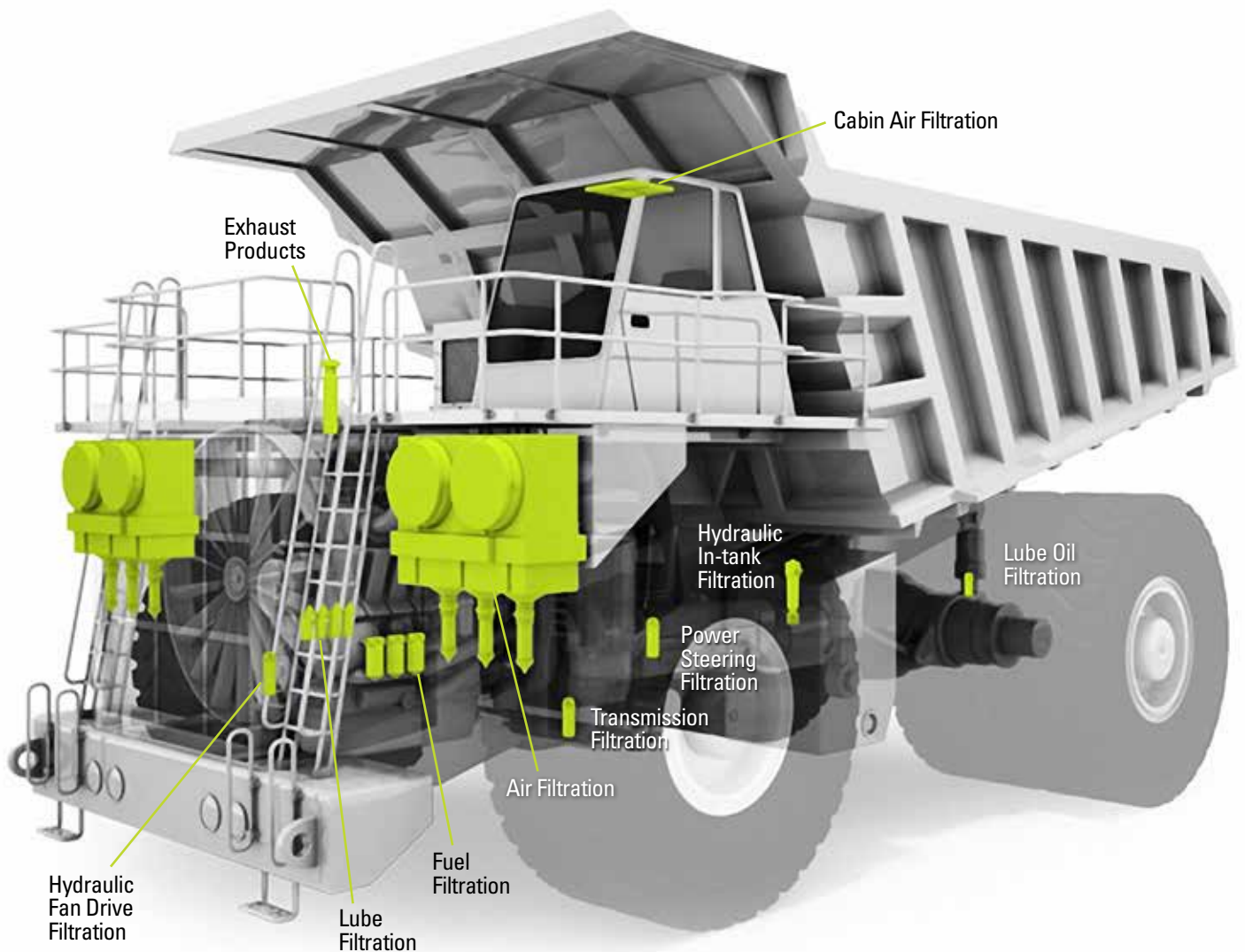
# Effective and efficient filtration is the best preventive maintenance there is for hard-working equipment in the mining industry.

You need effective filtration – and you want it all from one supplier. When it's time for filter replacement, Donaldson provides the right combination of quality and value to help you operate efficiently.

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 go even further toward protecting your equipment and maximizing uptime.

**Depend on Donaldson when every operating hour counts.**



# Filtration Products for Every Phase of Mining



## Air Filtration

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



**Air cleaners** Donaldson filter media is specially formulated to better trap dirt, dust and soot before they reach your engine.



**Replacement filters** Donaldson delivers better protection for heavy-duty off-road equipment with Donaldson Endurance™ filters or PowerCore® filtration technology.



**Pre-cleaners** extend air cleaner life by preventing larger particles from reaching the filter. The TopSpin HD® is designed for the rugged mining conditions.



## Hydraulic Filtration

Performance under any pressure. Protect expensive hydraulic components with Donaldson's complete line of spin-on, cartridge-style and in-tank hydraulic filters.



**Low Pressure** rated for working pressures up to 350 psi, in-tank and in-line configurations are available.

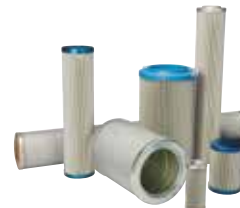


### Duramax

**Medium Pressure** Donaldson Duramax® filters have become the industry standard for operating pressures up to 2000 psi.



**High Pressure** heavy-duty filters rated for pressures up to 6500 psi for critical applications.



**Cartridge style** DT filters, using Donaldson Synteq™ media technology, help extend the life of heavy duty equipment.



**Off-line filtration** polishes new lubricating oils and achieves baseline ISO cleanliness levels – prior to dispensing into equipment, gearboxes and reservoirs.



## Lube Filtration

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



**Lube filters** capture wear metals, soot and contaminants to maintain today's higher cleanliness standards.



**Extended service lube filters** operate longer between service intervals with Donaldson Endurance™ filters with Synteq® media.

# Filtration Products for Every Phase of Mining



## Fuel Filtration

Donaldson filters help prevent premature pump wear and injector clogging by delivering clean fuel to your engine. They're a better way to filter fuel.



**Fuel filters** Donaldson provides filtration solutions that protect engine components and help extend equipment life.



**Cummins® engines**  
Twist&Drain™ filters with integrated WIF sensors simplify the complicated task of removing water.

Cummins® is a registered trademark of Cummins Inc. Racor® is a registered trademark of Parker Hannifin Corporation. Stanadyne® and Fuel Manager® are registered trademarks of Stanadyne Corporation.



**Racor® fuel systems**  
Twist&Drain™ filters with threaded sensor ports work with existing WIF sensors.



**Stanadyne® Fuel Manager® FM 100 Fuel Systems**  
Universal interface allows one part to fit multiple applications.



## Clean Fuel & Lube Solutions™

Removing contaminants and controlling moisture in your bulk supply tanks prior to pumping fluids into equipment allows on-board filtration systems to do their job better. Donaldson can design a system that's a powerful first line of defense in protecting your equipment.



**Clean fuel and lube solutions**  
Bulk assemblies feature parallel flow configurations to reduce pressure drop.



**Single pass filtration** allows you to achieve targeted fluid cleanliness on the inlet side.



**Tank accessories** Control dust and moisture entering bulk storage tanks with the T.R.A.P.™ vent breather and the Active Reservoir Vent™.



**High pressure filters** are specially designed for point-of-use applications on the outlet side.



## Mufflers and Exhaust Accessories



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



**Clamps and accessories**  
Reduce exhaust leaks and noise with our full line of exhaust clamps.

## Filtration Accessories

Reduce costs and eliminate over-servicing with our complete line of air intake, engine liquid and hydraulic filtration accessories.



# Donaldson Filtration Products for Popular Mining Equipment

Part Description	Primary Application	Donaldson	Baldwin	Fleetguard	Luber-finer	Wix
Air Panel, Engine	Dodge Light Truck, Chrysler 4728406	P536429	PA3763	AF25090	AF7878	46293
	Ford Light Truck	P614543	PA4167	AF26131	AF1754	46804
Air Panel, Ventilation	Caterpillar Equipment	P525026	PA2844	AF4731	LAF5026	46582
	Caterpillar Equipment	P606087	PA3803	AF25657	LAF7358	46689
Air Primary	Caterpillar Equipment	P181131	PA2613	AF1876	LAF8116	46266
	Deutz 2339813	P539466	PA2422	AF4137	LAF1733	46294
	Donaldson SRG20, SRG29 Air Cleaner	P182038	LL2363	AF879M	LAF5069MXM	42440
	Donaldson SRG20, SRG29 Air Cleaner	P182040	LL2453	AF899M	LAF1818	42238
	Tipton, Fleetguard AF1907M	P520620	PA3452	AF1907M	LAF1891	46865
Air Primary, Finned	Donaldson FHG10 Cyclopac	P181064	PA1902FN	AF434K	LAF8668	42919
Air Primary, RadialSeal™	Caterpillar Equipment	P532505	RS3510	AF25135M	LAF4505	46593
	Caterpillar Haul Truck	P533882	RS3700	AF25262	LAF5022	46746
	Caterpillar Crawler Dozer	P538007	RS3712	AF25338	LAF8146	46470
	Donaldson SSG20, SSG29 Air Cleaner	P608306		AF27696		49606
	Donaldson SSG20, SSG29 Air Cleaner	P609519		AF27698		
Air Primary, Ultra-Web®	Donaldson SRG20, SRG29 Air Cleaner	EAF5038*	--	--	--	--
	Donaldson SRG20, SRG29 Air Cleaner	EAF5040*	--	--	--	--
Air Primary, Ultra-Web®, RadialSeal™	Donaldson SSG20, SSG29 Air Cleaner	EAF5152*	--	--	--	--
	Donaldson SSG20, SSG29 Air Cleaner	EAF5153*	--	--	--	--
Air Safety	Donaldson FHG12 Cyclopac	P119374	PA1911	AF490M	LAF6834	42924
	Donaldson SRG20, SRG29 Air Cleaner	P117781	PA2454	AF880	LAF1816	42239
	Donaldson SRG20, SRG29 Air Cleaner	P115070	PA2364	AF857	LAF5070	42441
Air Safety, RadialSeal™	Caterpillar Haul Truck	P533884	RS3701	AF25263	LAF3884	46747
	Caterpillar Crawler Dozer	P538008	RS3713	AF25339	LAF8115	46471
	Donaldson SSG20, SSG29 Air Cleaner	P608305		AF27695		49605
	Donaldson SSG20, SSG29 Air Cleaner	P609518		AF27697		
Breather, Spin On	Schroeder ABF3/10	P564424	BT367S	AF4884A	LFH4909	542469
Coolant, Spin-On	Cummins 3318318	P552075	BW5075	WF2075	LFW4075	24075
Fuel Box, Primary	Caterpillar 8N-9850, Stanadyne 21167	P559803	BF912	FS1205	LFF1131	33369
Fuel, Spin On	Caterpillar 1R-0711, 1P-2299, 6L-7440, KTSU 600-311-8290	P557440	BF970	FF5076	LFP440F	33352
	Caterpillar 1R0749	P551311	BF7587	FF5319	LFF2749	33674
	Cummins QSK Engines	P553005	BF7932	FF5644	NA	NA
	Cummins QSK Engines	P553505	NA	FF5782	NA	NA
Fuel, Spin-On Secondary	Caterpillar 1R-0750	P551313	BF7633	FF5320	LFF3347	33528
Fuel Cartridge	Liebherr Crawler Loader	P551424	BF7674D	FS19572	L8721F	NA
	Liebherr Crawler Excavator	P551427	BF7672D	FS19589	NA	33649
FFWS, Spin-On	Caterpillar 4N-5823	P555823	BF584	FF211	LFF5823	33384
	Caterpillar 8N-3080, 3500 Series Engine	P553080	BF799	FF5132	LFF3416	33385
	Cummins 299202	P550202	BF596	FF202	LFF202	33116
	Caterpillar Engines	P551010	BF1399SP	FS19995	LFF6771	33606
Hydraulic, Cartridge	Caterpillar 4J-6064, 4J-0806	P556064	PT9010	HF6098	LP560	51197
	Caterpillar Equipment	P165238	PT8403MPG	HF35457		57720
	Caterpillar Equipment	P165239	PT8496MPG	HF35101		51197XE
	Caterpillar Equipment	P573354	PT9429MPG	NA		57809
	Caterpillar Equipment	P569614	NA	NA		NA
	Caterpillar 7J-0670, Komatsu	P556700	PT9810	HF6083	LFH4635	51195
	Caterpillar 9M-9740	P559740	PT189	HF6097	LP164	51163
	Schroeder K10, KK10	P167410	PT707HD10	HF6110	--	51407
	Schroeder KS7	P163903	PT8363	HF30268	--	57841
Hydraulic, Spin-On	Linde 0009830633	P550786	--	HF35345	--	--
Hydraulic, Spin-On, Duramax®	Caterpillar Equipment	P164378	BT8851MPG	HF6553	LFH4990	51494
	Caterpillar Equipment	P170949	BT8870MPG	HF6684		51729
Lube, Spin-On	Cummins Engines	P553000	BD103	LF3000	LFP3000	51748
	Caterpillar 1R-0716, 2P-4005, Sullair	P554005	B99	LF691A	LFP4005	51792
	Caterpillar Engines	ELF7405*	B7249MPG	--	--	51792XD
	Caterpillar Engines	P551808	B7299	LF3566	LFP4005RN	--
	Caterpillar, Volvo Engines	P551807	B7700	LF3973	LFP3236	57791
	Cummins 3313279, Detroit Diesel Engines	P551670	B95 - B96	LF670	LFH5014	51970
	Cummins QSK Engines	P554560	BD7176	LF9050	LFP9024	57139
	Cummins ISX, QSX Engines	P559000	BD7154	LF9070	LFP9001	57746XD

\* - Donaldson Endurance™ Extended Service Filters



**Donaldson.**  
FILTRATION SOLUTIONS

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**Brochure No. F111337 ENG (11/12)**  
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