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**Achieve More.**





Donaldson Delivers

# Superior Bulk Fluid Filtration

- Lower Total Cost of Ownership
- Avoid Unplanned Downtime
- Maximize Fuel Efficiency
- Low Installation Costs
- Custom Designs
- Modular Solutions
- Compact Installation
- Low Inventory Costs
- Easily Shipped
- Easily Serviced



## Clean.

Donaldson single-pass filtration on the inlet removes contamination before it can enter your storage tank and contaminate it.

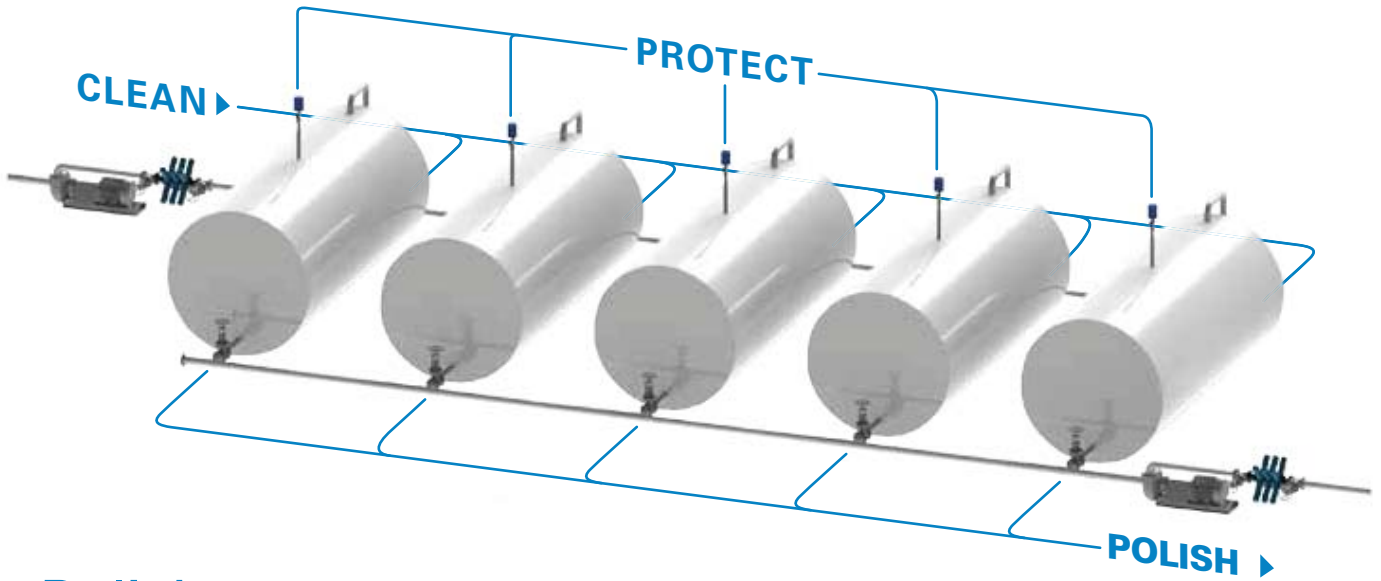
Compact and easy to replace, Donaldson filters are an important line of defense in maintaining fluid quality and can be configured for high flow rates while minimizing pressure drop.



## Protect.

Water absorbing filters, T.R.A.P.™ Breathers and Reservoir Air Dryers reduce the risk of moisture and contaminants entering a bulk storage tank so fluids are kept clean and dry. Used together, they'll help guard fluids from free water, airborne contamination and microbial growth for as long as they stay in storage.





## Polish.

Unstable fluids and the tank itself can be a source of contamination. Final filtration on the outlet with Donaldson filters ensures that targeted ISO cleanliness levels are achieved before fluids are pumped into your system.

**Achieve More.**





# Clean Fuel & Lubricant Solutions



## Filters

Max. Working Pressure: 350 psi/2413 kPa/24.1 bar  
 Rated Static Burst: 800 psi/5516 kPa/55.2 bar

Part Number	Fluid Type	Max. Flow Range	Target ISO Cleanliness	Filter Efficiency
DBB5333	All diesel fuels	32 gpm/121 lpm	14/13/11	4 micron @ Beta 2000
DBB7733	All diesel fuels	32 gpm/121 lpm	16/14/11	7 micron @ Beta 2000
DBB8666	All diesel fuels	65 gpm/246 lpm	14/13/11	4 micron @ Beta 2000
DBB8777	All diesel fuels	65 gpm/246 lpm	16/14/11	7 micron @ Beta 2000
DBB8664	Engine and gear oils	65 gpm/246 lpm	18/16/13	25 micron @ Beta 2000
DBB8665	Transmission and hydraulic oils	65 gpm/246 lpm	16/14/11	7 micron @ Beta 2000
DBB0248	Ethanol-free fluids*	65 gpm/246 lpm	N/A	N/A

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

## Filter Heads

Max. Working Pressure: 350 psi/2413 kPa/24.1 bar  
 Rated Static Burst: 800 psi/5516 kPa/55.2 bar

Part Number	Filter Qty	Mounting Connection	Max. Flow Range	Bypass
P570329	1	SAE-20 O-ring	65 gpm/246 lpm	No
P570330	1	1 1/4" NPTF	65 gpm/246 lpm	No
P568583	2	1 1/2" SAE 4-Bolt	125 gpm/473 lpm	No



Pictured with  
 Direct Gauge Adapter: P563809  
 Gauge: P562709  
 Use test points and  
 direct gauge adapters.

## Filter Manifolds

Part Number	Filter Qty	Mounting Connection	Max. Flow Range
P561880	4	2" ANSI 150 Flange	250 gpm/946 lpm
P568932	8	4" ANSI 150 Flange	500 gpm/1893 lpm
P568933	10	4" ANSI 150 Flange	600 gpm/2271 lpm
DFF1012	up to 12	4" ANSI 150 Flange	700 gpm/2650 lpm



## T.R.A.P.™ Breathers

T.R.A.P. breathers protect the fluids in your storage tank from airborne particulate moisture contamination and ambient moisture.

Assembly Part Number	Mounting Connection	Max. Flow Range	Filter Efficiency	Replacement Part Number
X920006	1-1/2 in NPT Female	400 gpm/1500 lpm	97% @ 3 micron	P923075



## Reservoir Air Dryer

The Reservoir Air Dryer combats ambient ingress of moisture by introducing a steady flow of clean, dry air to the reservoir. No electrical requirements.

Part Number	Outlet Flow Volume @100 psi & dew point suppression	Inlet Air required @ 100 psi	Inlet/Outlet
P575852	0.5 scfm (14.2 slpm)	0.8 scfm (22.7 slpm)	1/4" NPT



## DEF Filter and Housing

Max. Working Pressure: 300 psi/2068 kPa/20.7 bar

Part Number	Filter Element*	Mounting Connection	Max. Flow Range	Efficiency
P575057	P575059	1" NPT	10 gpm/38 lpm	1 micron @ Beta 5000 (99.98%)
P575058	P575059	1" BSPT		

\*Filter element sold separately.



## Bulk hP Filters

Designed for higher pressure delivery systems out of bulk storage tanks, typically on air pump fed hose reels in lube shops, mobile service trucks and other refer pressure single pass applications.

Element Collapse Rating: 300 psi/2068 kPa/20.7 bar  
 Max. Working Pressure: 1000 psi/6895 kPa/68.9 bar  
 Rated Static Burst: 2200 psi/15168 kPa/151.7 bar

Part Number	Fluid Type	Max. Flow Range	Target ISO Cleanliness	Filter Efficiency
P565184	Petroleum based oil	50 gpm/189 lpm	14/13/11	4 micron @ Beta 2000
P565185	Petroleum based oil	50 gpm/189 lpm	16/14/11	8 micron @ Beta 2000
P565183	Petroleum based oil	50 gpm/189 lpm	18/16/13	14 micron @ Beta 2000

Plastic filter cartridges and metal housings are easily separated for recycling.

## Bulk hP Filter Heads

Max. Working Pressure: 1000 psi/6895 kPa/68.9 bar

Part Number	Filter Qty	Mounting Connection	Max. Flow Range	Bypass Valve
P566023	1	SAE-16 O-ring	50 gpm/189 lpm	No
P566024				50 PSI



For more information about bulk filtration systems, contact Donaldson:

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More detailed product information can be found in the **F111500 Bulk Filtration Product Guide**.