



Donaldson Delivers

Clean Fuel and Lubricant Solutions



Achieve More.





Typical storage tank contaminated with dirt, water, and microbial growth.

Contaminants and water are the enemies of engine fuels and lubricants, robbing vehicles and equipment of performance and longevity.

Removing contamination with bulk filtration prior to pumping fluids into equipment allows on-board filtration systems to do their job better, while supporting advanced systems required to meet new regulations.

1 Clean.

Donaldson single-pass filtration on the inlet can be configured for high flow rates while maintaining low pressure drop and reducing contaminants to the desired cleanliness level.

Compact and easy to replace, Donaldson filters are the first line of defense in maintaining fluid quality.

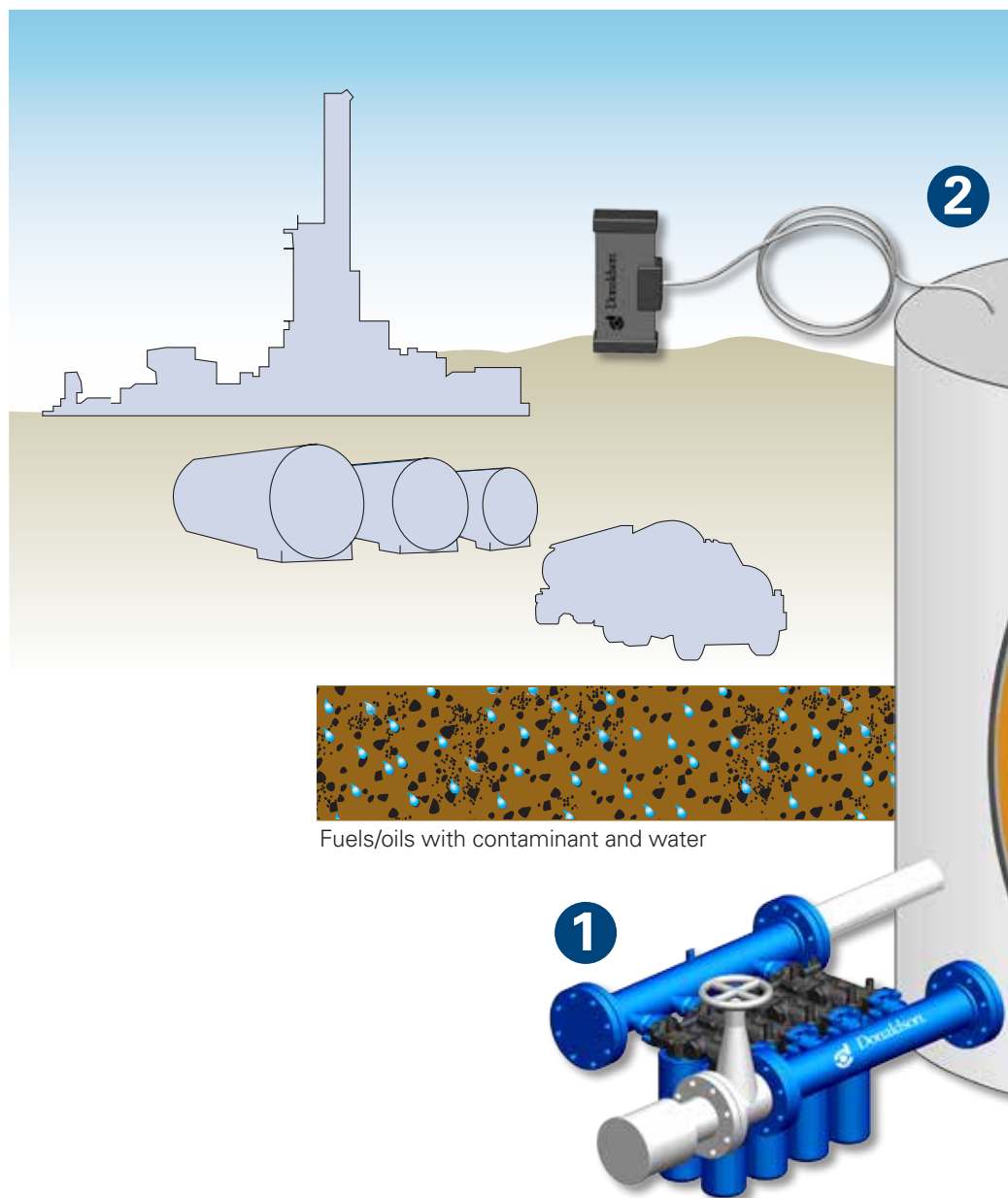
2 Protect.

The Donaldson T.R.A.P.™ breather prevents dust and moisture from entering while allowing high flow rates of fluid into and out of the tank.

Protect fluids in storage from moisture with an Active Reservoir Vent™ (ARV). It draws moisture from fluids with dry compressed air and can be mounted where convenient.

3 Polish.

Because unstable fluids and the tank itself can be a source of contamination, final filtration on the outlet ensures that targeted ISO cleanliness levels are achieved.

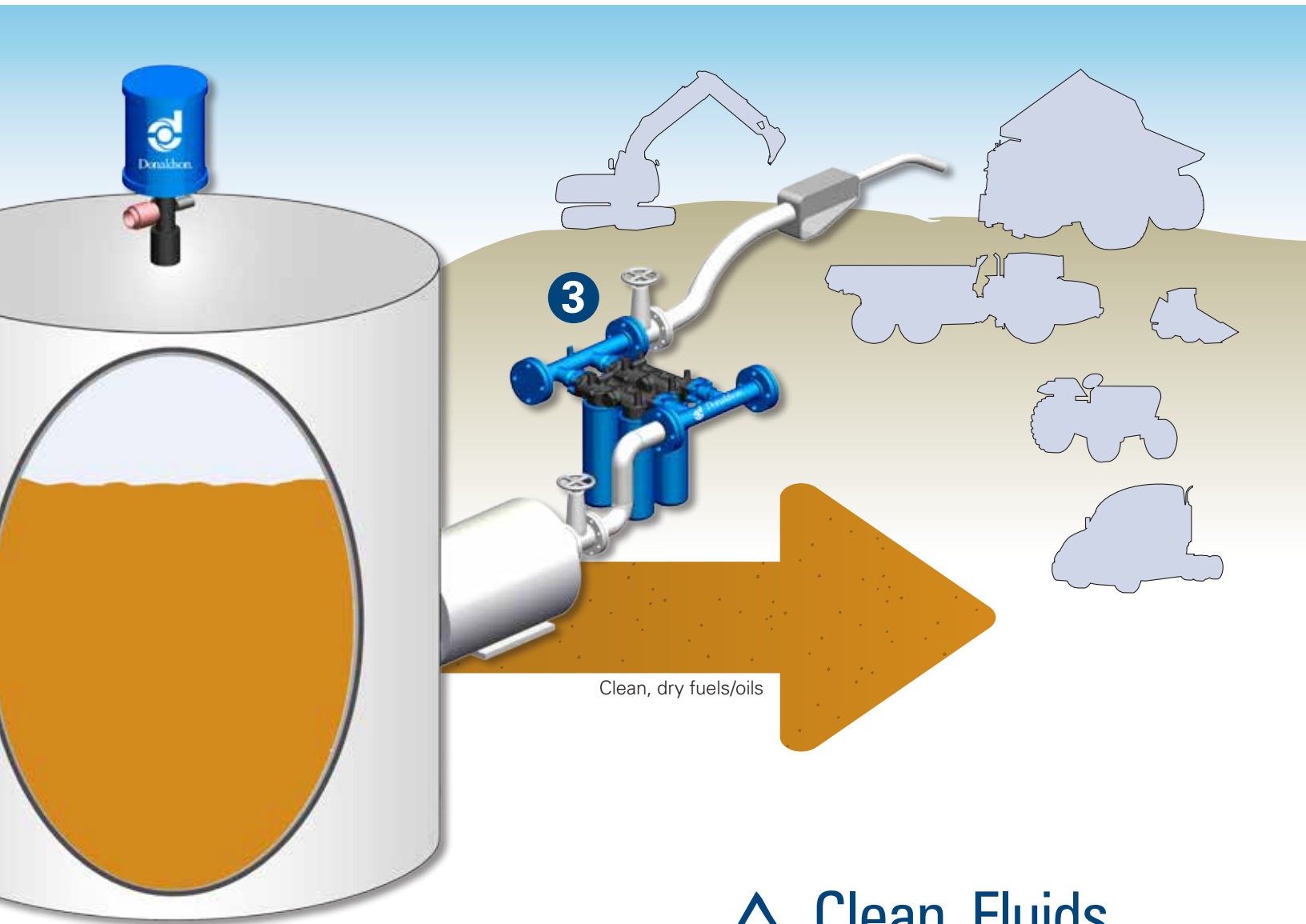


Fuels/oils with contaminant and water

Why Filter Bulk Fluids?

The increase in diesel injection pressures on engines and the sophistication of today's equipment require higher cleanliness levels.

Donaldson bulk filtration systems can reduce downtime, save on costly component replacement and improve fuel economy. In short, Donaldson reduces your total cost of ownership.



 **Clean. Fluids.
Keep Running.™**

Bulk Fuel and Lube Filtration Systems

Filters

Max. Working Pressure: 350 PSI/24.1 bar
Collapse Pressure Rating: 800 PSI/55.2 bar

Part Number	Fluid Type	Max. Flow Range	Target Iso Cleanliness	Filter Efficiency
DBB5333	All Diesel Fuels, Coolants and Thin Oils	32 gpm/122 lpm	14/13/11	4 micron @ Beta 2000
DBB8664	Engine and Gear Oils	65 gpm/246 lpm	18/16/13	25 micron @ Beta 2000
DBB8665	Hydraulic and Transmission Oils	65 gpm/246 lpm	16/14/11	7 micron @ Beta 2000
DBB8666	All Diesel Fuels	65 gpm/246 lpm	14/13/11	4 micron @ Beta 2000
DBB0248	Ethanol-Free Fluids*	65 gpm/246 lpm		

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

Filter Heads

Max. Working Pressure: 350 PSI/24.1 bar
Collapse Pressure Rating: 800 PSI/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" NPT	65 gpm/246 lpm	No
P568583	2	1 1/2" SAE 4-Bolt	125 gpm/473 lpm	No



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 prevent dirt and moisture from entering storage tanks from the vent.

Assembly Part Number	Mounting Connection	Max. Flow Range	Filter Efficiency	Replacement Part Number
X920006	1-1/2 in NPT Female	400 gpm/1514 lpm	>97% @ 3 micron	P923075



Active Reservoir Vents (ARV)™

The ARV blows a blanket of dry, compressed air over fluids in storage to remove, free, and dissolve water. Electrical Requirements: 110 V/50-60 Hz AC, Approx. 4W

Part Number	Flow Rate (scfm)	Mounting Connection	Recommended Max. Tank Size
P568790	3	1/2" NPTF	Call for information
P568791	10	1/2" NPTF	Call for information



DEF Filter and Housing

Max. Working Pressure: 300 PSI/7.24 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	10 gpm/38 lpm	1 micron @ Beta 5000 (99.98%)

*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/20 Bar
Max. Working Pressure: 800 PSI/55 Bar
Rated Static Burst: 1700 PSI/117 Bar

Part Number	Fluid Type	Max. Flow Range	Filter Efficiency
P565183	For Hydraulic, Gear, Transmission and Engine Oils	50 gpm/189 lpm	14 micron @ Beta 2000
P565185	For Hydraulic, Gear, Transmission and Engine Oils	50 gpm/189 lpm	8 micron @ Beta 2000
P565184	For Hydraulic, Gear, Transmission and Engine Oils	50 gpm/189 lpm	4 micron @ Beta 2000

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



Bulk hP Filter Heads

Max. Working Pressure: 1000 PSI/69 Bar

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



Donaldson Company, Inc.
Minneapolis, MN USA

855-518-7784 (USA/Canada)

MyCleanDiesel.com
donaldsonfilters.com

Need a Clean Solution?

As a global organization, we have offices throughout the world. Please direct your inquiry to clean.solutions@donaldson.com. This will enable us to address your inquiry in the shortest possible time.

Mexico	Brazil	South East Asia	Korea
Latin America	Europe & Middle East	Greater China	Australia
Caribbean	South Africa	Japan	India

Brochure No. F111501 ENG (2/15)

© 2015 Donaldson Company, Inc. All rights reserved. Donaldson Company, Inc. reserves the right to change or discontinue any model or specification at any time and without notice. Printed in the U.S.A.