



Clean Fuel & Lubricant Solutions™

# Bulk hP

High-Pressure Delivery Filter



 Clean Fluids.™  
Keep Running.™





# Deliver clean fluids under extreme pressure

## Filtering Bulk Fluids

Introducing Bulk hP, a line of filters from Donaldson Clean Fuel & Lubricant Solutions designed to filter fluids being delivered up to 1000 PSI (69 BAR).

High pressure delivery is the process by which piston or diaphragm pumps are used to transport oil, lube, and hydraulic fluids from remote storage tank locations into equipment. These pumps operate on compressed air to force fluids through long lengths of piping and hose reels at delivery pressures significantly greater than the original air pressure. These high pressures force fluids through piping and deliver product out of hose reels and into equipment.

Filtering fluids stored in bulk tanks prior to being delivered into equipment is critical to meet the ISO cleanliness specifications demanded by today's equipment OEMs. End-users need a filter with high dirt holding capacity and efficiency that's easy to change and dispose of in an environmentally friendly way.



## Donaldson recommends the following ISO cleanliness levels:

- Hydraulic/transmission ISO 16/14/11
- Lubes/gear oil ISO 18/16/13

Donaldson Bulk hP filters remove any contaminants that may have been picked up in storage or delivery lines during final transfer, ensuring the required ISO cleanliness levels are met every time.

# Donaldson Clean Fuel & Lubricant Solutions

## Bulk hP Features

- **Protection for High-Pressure Filtration.** Withstands up to 1,000 PSI/68 BAR\* working pressure.
- **Extended Life.** DX-2 Media has 50% more dirt holding capacity than a filter the same size.
- **Easy Disposal.** Filter element easily separates from the housing; all-metal cans are 100% recyclable and non-metal elements are 100% incinerable.
- **Heavy Duty Construction.** 300 PSI/20 Bar collapse pressure prevents dirt from passing even under extreme pressure drop conditions.
- **Protection for All Applications.** Three different micron media options to fit all fluid types and viscosities.
- **Compact Design.** Unique element/can connection requires less than 1" (25 mm) clearance for filter change-outs
- **Skydrol™ Options.** Filter and head options compatible with aviation hydraulic fluids. Call for details.  
Skydrol is a registered trademark of Solutia Inc.

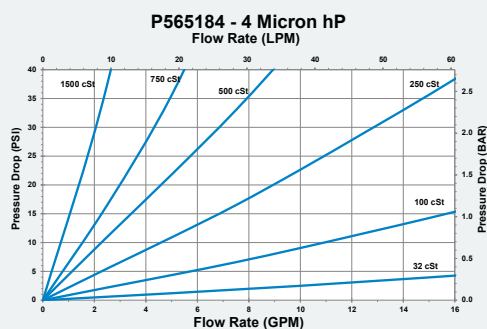
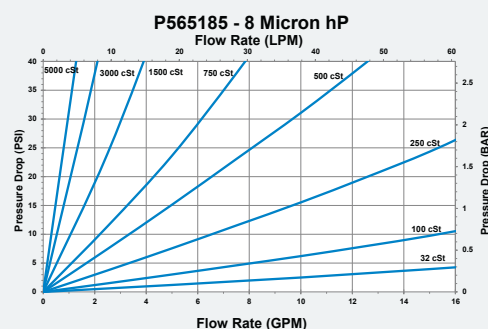
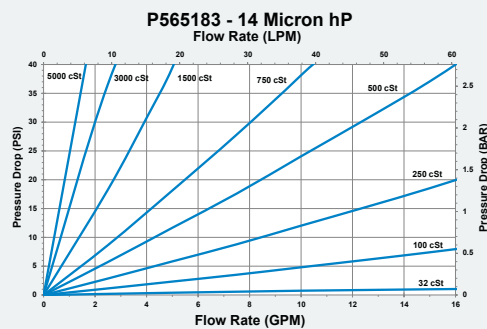
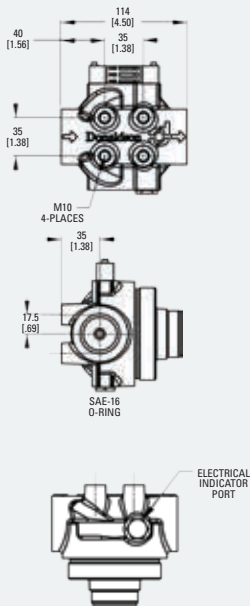


\*Always regulate compressed air with each pump so that pump pressures remain below the 1000 PSI (68 Bar) working pressure.

## Bulk hP Technical Specifications

FILTER HEAD P/N	Max. Working Pressure	Indicator	50 PSI Bypass Valve	Connections
<a href="#">P566023</a>	1000 PSI/68 Bar	Yes	No	SAE-16 O-Ring, 1 5/16" - 12 Thread
<a href="#">P566024</a>	1000 PSI/68 Bar	Yes	Yes	SAE-16 O-Ring, 1 5/16" - 12 Thread

FILTER ELEMENT P/N	Micron	Max. Working Pressure	Element Collapse Pressure	Application
<a href="#">P565184</a>	4	1000 PSI/69 Bar	300 PSI/20 Bar	<32 cSt
<a href="#">P565185</a>	8	1000 PSI/69 Bar	300 PSI/20 Bar	32-100 cSt
<a href="#">P565183</a>	14	1000 PSI/69 Bar	300 PSI/20 Bar	>100 cSt

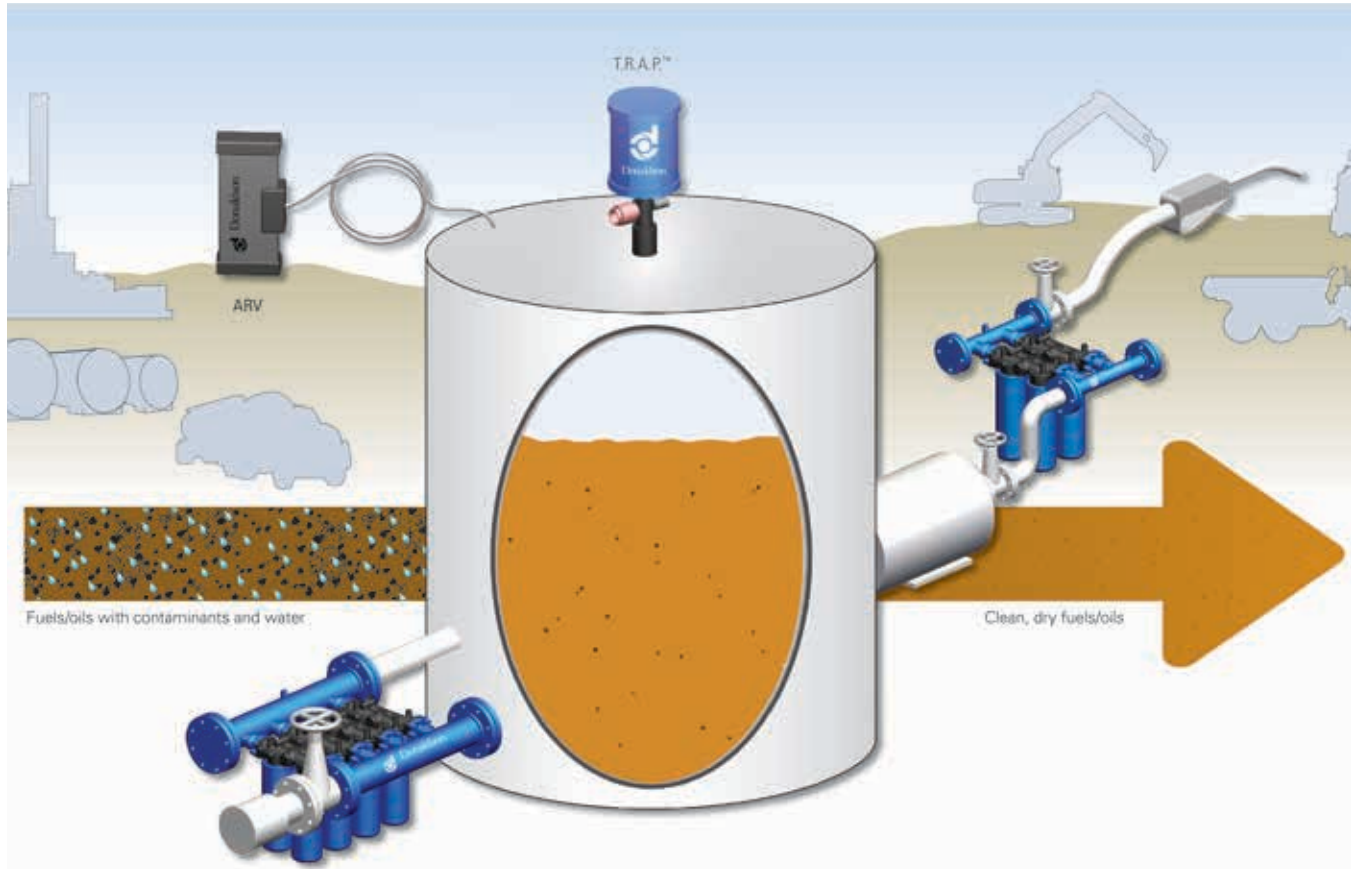


**WARNING:** thermal expansion in delivery hoses can generate pressure beyond the burst pressure of the can. Call Donaldson for details on installing a 1500 PSI pressure relief valve in all applications.

# Donaldson Clean Fuel & Lubricant Solutions

Clean Fluids. Keep Running.™

Filtering fluids through Bulk hP filters is only one part of a comprehensive Clean-Protect-Polish™ solution. It is important to also include inlet filtration and tank breather filters as part of your overall design:



## Clean Fuel and Lubricant Solutions

Donaldson Clean Fuel & Lubricant Solutions is an integral partner for your operation's contamination control strategies. With a wide array of bulk fluid filtration products coupled with expertise in system design and best practices, let us show you how Donaldson can reduce your operating costs and increase your uptime. Clean Fluids. Keep Running.™



Donaldson Company, Inc.  
PO Box 1299  
Minneapolis, MN  
55440-1299

[www.buydonaldson.com](http://www.buydonaldson.com)  
[www.donaldsonbulkfiltration.com](http://www.donaldsonbulkfiltration.com)

Brochure No. F115372 (12/12) ENG

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[bulk.filtration@donaldson.com](mailto:bulk.filtration@donaldson.com)

North America 800-374-1374

Mexico 52-449-910-6150

Latin Am. & Caribbean 52-449-910-6150

Brazil 55-11-2119-1604

Europe 32-16-38-3811

South Africa 27-11-997-6000

South East Asia 65-6311-7373

Greater China 852-2405-8388

Japan 81-42-540-4112

Korea 82-2-517-3333

Australia 61-02-4350-2033

India 91-124-2290060