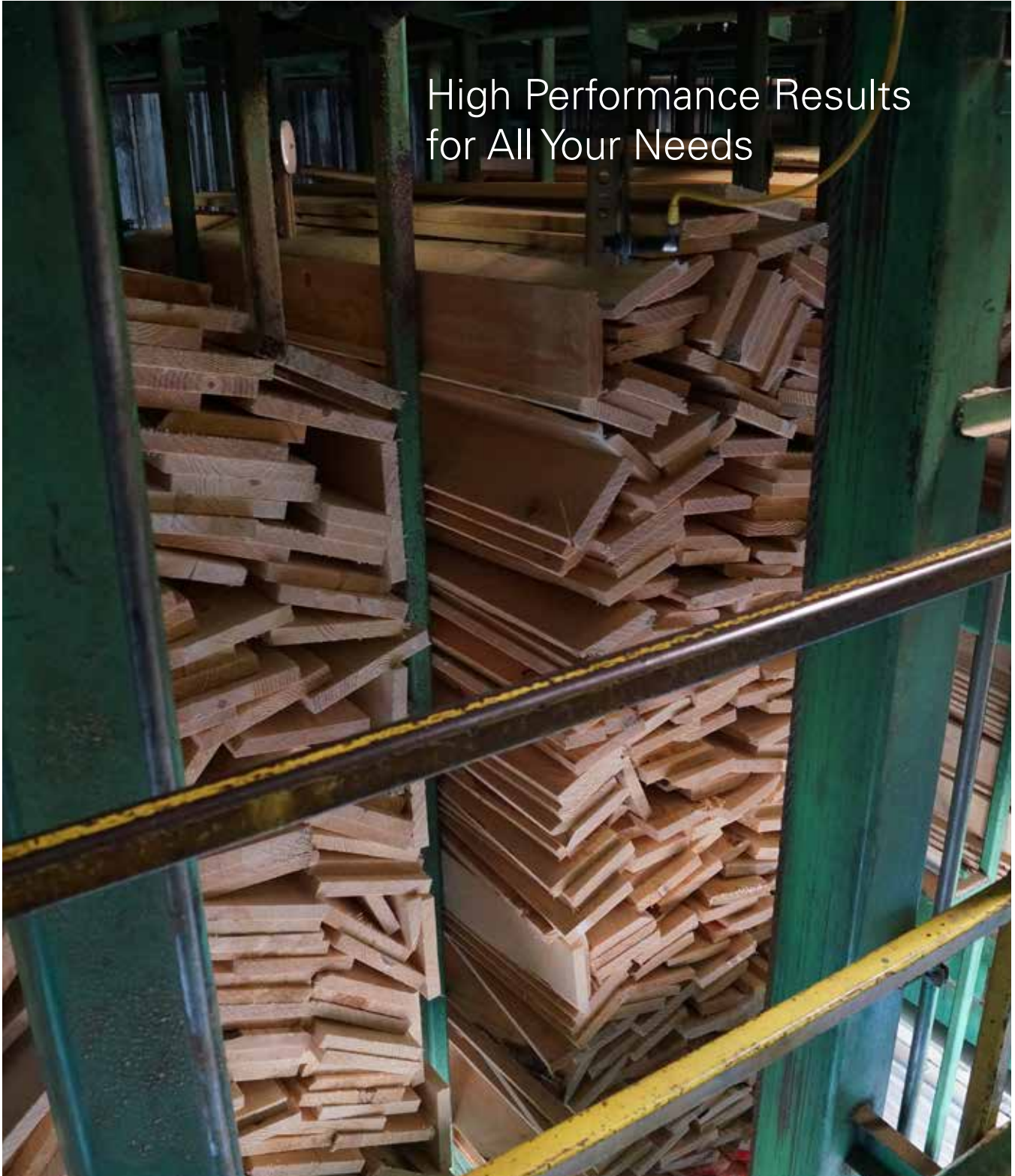




Donaldson Delivers  
**Wood Products  
Filtration Solutions**

High Performance Results  
for All Your Needs





# Donaldson Filtration Solutions for Lumber Mills and Panel Product Equipment

## The Best Solutions for All Your Needs

Donaldson hydraulic filters and accessories address a broad range of needs to keep your manufacturing systems and mobile equipment running smoothly — resulting in efficiency and superior performance.

## Comprehensive Product Line

Donaldson delivers proven performance in thousands of applications — offering the industry's largest selection of replacement air, fuel, lube, coolant, hydraulic and gear oil filtration products and hardware.

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### Hydraulic Filtration

Protecting equipment, maintaining uptime and staying efficient are all crucial needs in the wood products industry. Donaldson manufactures an array of spin-on and in-line cartridge-style filters in low, medium and high pressure ranges. Donaldson's Duramax® filters are the highest rated medium pressure spin-on filters available and all high pressure filters have non-bypass configurations for high precision hydraulic applications.

### Hydraulic Power Unit (HPU) Filters

In-tank and spin-on return filters, pressure filters, reservoir breathers and reservoir accessories are also available in Donaldson's portfolio. Our bulk fluid filters are an excellent option for kidney loop filtration on HPUs.

### Off-line Filtration and Transfer Carts

The Donaldson Filter Panel, Filter Buddy™ and filter carts offer convenient off-line filtration, flushing and fluid transfer. Use them with your industrial and mobile equipment to achieve and maintain proper ISO cleanliness levels.

### Water Contamination Control

Controlling moisture is as important as keeping solid contaminants out of your lube and hydraulic oil reservoirs. Donaldson T.R.A.P.™ Breathers and Reservoir Air Dryers help keep your systems free of moisture.

### Bulk Oil and Fuel Handling

Today's sophisticated equipment requires high cleanliness levels. Contaminants and water are the enemies of lubricants and fuels, robbing equipment and vehicles of performance and longevity. Removing contaminants with bulk filtration prior to use allows on-board filtration systems to function better and helps equipment meet new regulations. Donaldson bulk fuel filtration systems save on costly component replacement, minimize downtime and prevent decreases in fuel efficiency due to injector wear.





## Your Sole Supplier for System and Mobile Needs

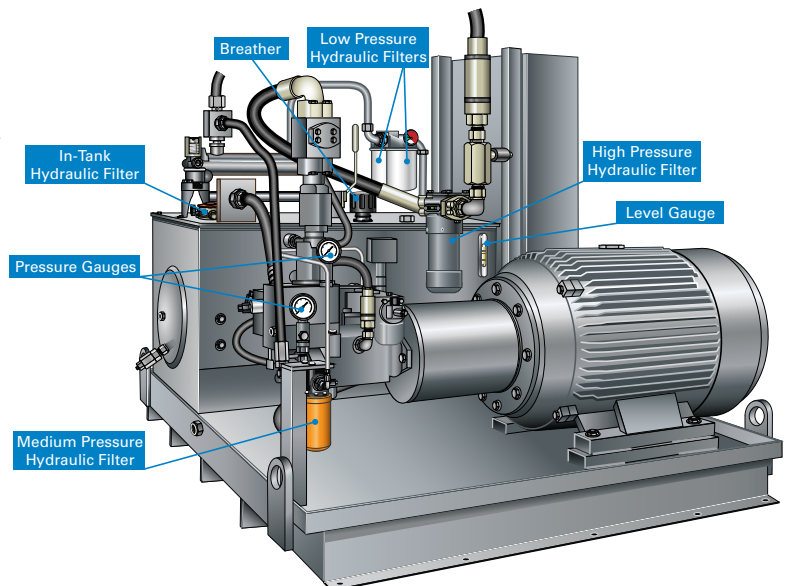
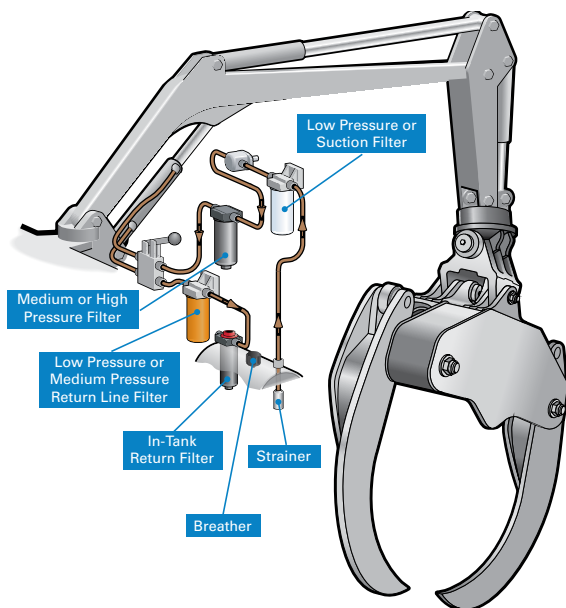
Count on Donaldson to have the right filters, contamination control products and services to protect critical components in hundreds of applications.

Whether it's located outdoors on equipment or inside a manufacturing plant, hydraulic components need clean oil for maximum life and optimal productivity.

## Why Choose Donaldson?

You need the assurance of high performance filters for demanding applications. Donaldson products are engineered for the rigorous applications of wood yards, saw mills, panel product production plants and other lumber and panel production sites.

A recognized leader in quality hardware and replacement filters, Donaldson offers the largest selection of in-stock, ready-to-ship replacements and is committed to providing the absolute best products in the market today. Rest assured that the world's largest manufacturer of industrial filter products is committed to support you — everyday, everywhere. Ask us how we can help you with all your filtration needs.



# Filtration Solutions for Wood Plant Product Processing



## 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.



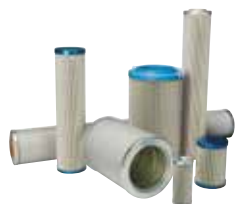
**Low Pressure** filters are the most commonly used type of filter in hydraulic circuits, used most often in return line applications. Donaldson low pressure filters are rated for working pressures up to 350 psi (2400 kPa). In-tank and in-line configurations are available to accommodate virtually any application.



**Medium Pressure** filters can be used in applications up to 2000 psi (13790 kPa). Donaldson offers both spin-on and in-line cartridge-style filters. Donaldson Duramax® filters are the highest rated medium pressure spin-on filters available. Duramax filters are proven, reliable, long-lasting and easy to install.



**High Pressure** filters are positioned between pumps and critical components such as cylinders, motors and valves to help protect against catastrophic failure. Donaldson heavy-duty high pressure filters are rated for working pressures up to 6500 psi (44818 kPa). Various porting sizes and types, including manifold style, are available for a wide range of applications.



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



**T.R.A.P.™ breathers** collect and expel moisture from hydraulic and lube reservoirs – they also prevent particulate contamination.



**Off-line filtration** cleans new lubricating oils prior to dispensing into equipment, gearboxes and reservoirs.



## Clean Fuel & Lubricant Solutions™

Clean fuel and lubricant reduces operational problems, keeping you up, running and efficient. We believe that with clean fuel and lubricant you can **Achieve More.**



**Clean Solutions fuel & lubricant filters** provide unrivaled cleanliness in a single pass.



**Clean Solutions filter manifolds** expand capacity or increase flow rate beyond the capability of a single or dual filter head.



**T.R.A.P.™ Breathers and Reservoir Air Dryers** protect storage tank contents from airborne moisture and particulate contamination.



**Bulk hP filters and heads** provide high efficiency filtration in a single pass for hydraulic, gear, transmission and engine oils.

# Filtration Solutions for Mobile Equipment



## 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.



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



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

**Replacement filters for Stanadyne® Fuel Manager® FM 100 fuel systems**

Universal interface allows one part to fit multiple applications.



**Donaldson BLUE™**

**Replacement filters for Donaldson Blue™ Cummins® QSK secondary fuel filter** with Synteq XP™ media technology offers superior contaminant removal and better particulate retention under dynamic operating conditions.

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.



## Air Filtration

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



### Air cleaners and pre-cleaners

The company that invented air cleaners for heavy-duty engines offers the broadest range of air cleaners and pre-cleaners available for equipment.



**PowerCore.**

**Replacement filters**  
Donaldson delivers superior protection for heavy-duty off-road equipment with a full line of premium filters, including those with PowerCore® filtration technology.



**Replacement filters for Mann+Hummel® Europiclon® and Cummins® OptiAir™ Air Cleaners**  
use high-efficiency media, vibration-resistant RadialSeal™ design and rigid structural support to deliver superior performance and proven protection.

Mann+Hummel® and Europiclon® are registered trademarks of Mann+Hummel. Cummins® and OptiAir™ are trademarks of Cummins Filtration, Inc.



**Donaldson BLUE™**

**Donaldson Blue™ air filters**  
with Ultra-Web® nanofiber technology protect engines by providing better initial and overall efficiency compared to conventional cellulose media.



## Lube Filtration

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

**Donaldson BLUE™**



**Lube filters** capture metals, soot and contaminants to maintain higher cleanliness standards.



## Coolant Filtration

Donaldson coolant filters remove contaminants and maintain cooling system balance.



**Coolant filters** help keep hot-running engines cool and reduce downtime.

**Donaldson BLUE™**

# Bulk Filtration Solutions for Wood Product Processing



Typical storage tank contaminated with dirt and water.

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

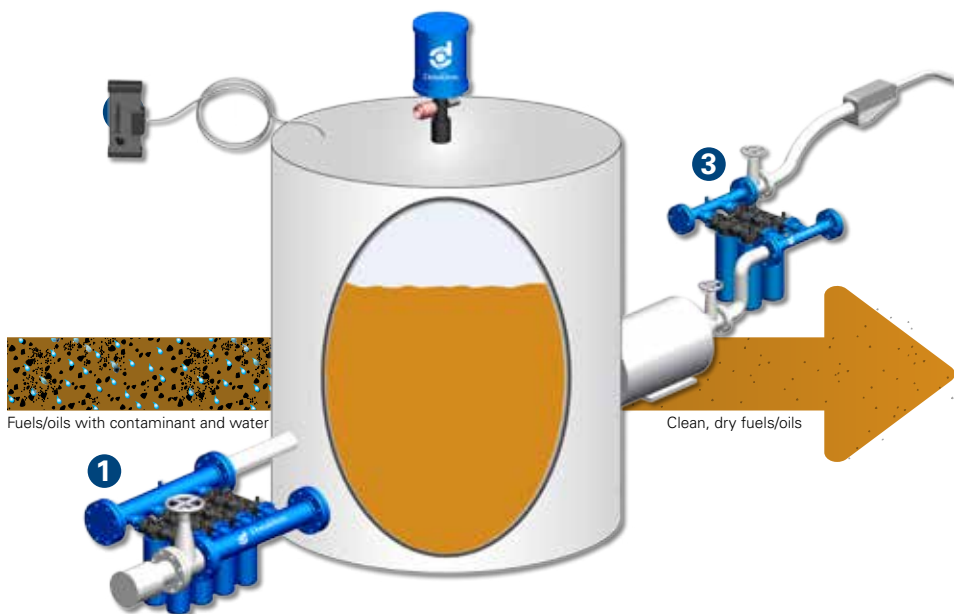
Removing contamination with bulk filtration prior to pumping fluids into equipment allows on-board filtration systems to do their job better, while supporting advanced systems required to meet new regulations.

## Why Filter Bulk Fuel?

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.



### 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.



# Filtration Solutions for Popular Wood Product Applications

## Hydraulic and Lube Oil Filtration Products

Donaldson Part No.	Pall	Hydac	Schroeder	Parker	HyPro
DT High Collapse Cartridge Filters					
<a href="#">P566337</a>	HC9021FDP8H	10708D03BH	SBF9021-8-Z3B	932620Q	HP21L8-2MB
<a href="#">P566408</a>	HC9801FDP8H	11308D03BH	SBF9801-8-Z3B	935193Q	HP81L8-2MB
<a href="#">P566410</a>	HC9801FDP13H	11313D03BH	SBF9801-13-Z3B	N/A	HP81L13-2MB
<a href="#">P566366</a>	HC9601FDP8H	11108D03BH	SBF9601-8-Z3B	927176Q	HP61L8-2MB
<a href="#">P566368</a>	HC9601FDP13H	11113D03BH	SBF9601-13-Z3B	927182Q	HP61L13-2MB
<a href="#">P566370</a>	HC9601FDP16H	11116D03BH	SBF9601-16-Z3B	928143Q	HP61L16-2MB
<a href="#">P566412</a>	HC9701FDP9H	50309D03BH	KZX3	932674Q	HPK3L9-3MB
General Hydraulic Power Unit (HPU) Filters					
<a href="#">P174792</a>	HC6400FDN16H	10116R06BN	SBF6400-16-Z5B	935144	HP64L16-6MB
<a href="#">P174793</a>	HC6400FDN26H	10126R06BN	SBF6400-26-Z5B	935148	HP64L26-6MB
<a href="#">P565150</a>	HC6500FDN16H	11516R06BN	SBF6500-16-Z5B	935156	HP65L16-6MB
<a href="#">P560406</a>	HC6500FDN26H	11526R06BN	SBF6500-26-Z5B	935160	HP65L26-6MB
<a href="#">P167162</a>	HC7500SKP4H	0160MA003BN	SBF7500-4-Z3B	934200	HP75L4-3MB
<a href="#">P167162</a>	HC7500SKN4H	0160MA005BN	SBF7500-4-Z5B	928766	HP75L4-6MB
<a href="#">P165762</a>	HC7500SKP8H	0180MA003BN	SBF7500-8-Z3B	932073	HP75L8-3MB
<a href="#">P165762</a>	HC7500SKN8H	0180MA005BN	SBF7500-8-Z5B	932073	HP75L8-6MB
DT DIN Filters					
<a href="#">P571369</a>	N/A	0160DN003BN4HC	N/A	G04097	HP32NL6-3MB
<a href="#">P571370</a>	N/A	0160DN006BN4HC	N/A	G04098	HP32NL6-6MB
<a href="#">P571371</a>	N/A	0160DN010BN4HC	N/A	G04099	HP32NL6-10MB
<a href="#">P571372</a>	N/A	0160DN025BN4HC	N/A	G04100	HP32NL6-25MB
<a href="#">P571373</a>	N/A	0250DN003BN4HC	N/A	G04113	HP32NL10-3MB
<a href="#">P571374</a>	N/A	0250DN006BN4HC	N/A	G04114	HP32NL10-6MB
<a href="#">P571375</a>	N/A	0250DN010BN4HC	N/A	G04115	HP32NL10-10MB
<a href="#">P571376</a>	N/A	0250DN025BN4HC	N/A	G04116	HP32NL10-25MB
<a href="#">P571377</a>	N/A	0400DN003BN4HC	N/A	G04129	HP32NL17-3MB
<a href="#">P571378</a>	N/A	0400DN006BN4HC	N/A	G04130	HP32NL17-6MB
<a href="#">P571379</a>	N/A	0400DN010BN4HC	N/A	G04131	HP32NL17-10MB
<a href="#">P571380</a>	N/A	0400DN025BN4HC	N/A	G04132	HP32NL17-25MB
<a href="#">P571361</a>	HC0171FKP10H	0400RN003BN4HC	N/A	G02618	HP400L10-3MB
<a href="#">P571362</a>	HC0171FKN10H	0400RN006BN4HC	N/A	G02617	HP400L10-6MB
<a href="#">P571363</a>	HC0171FKS10H	0400RN010BN4HC	N/A	G02616	HP400L10-10MB
<a href="#">P571364</a>	HC0171FKT10H	0400RN025BN4HC	N/A	G02615	HP400L10-25MB
<a href="#">P571365</a>	HC0171FKP16H	0630RN003BN4HC	N/A	G02624	HP400L15-3MB
<a href="#">P571366</a>	HC0171FKN16H	0630RN006BN4HC	N/A	G02623	HP400L15-6MB
<a href="#">P571367</a>	HC0171FKS16H	0630RN010BN4HC	N/A	G02622	HP400L15-10MB
<a href="#">P571368</a>	HC0171FKT16H	0630RN025BN4HC	N/A	G02621	HP400L15-25MB
<a href="#">P571238</a>	HC0600FKP16H	1000RN003BN4HC	N/A	G02630	HP930L16-3MB
<a href="#">P571239</a>	HC0600FKN16H	1000RN006BN4HC	N/A	G02629	HP930L16-6MB
<a href="#">P571240</a>	HC0600FKS16H	1000RN010BN4HC	N/A	G02628	HP930L16-10MB
<a href="#">P571241</a>	HC0600FKT16H	1000RN025BN4HC	N/A	G02627	HP930L16-25MB

# Finding your Donaldson filter online has never been easier.



[catalog.donaldson.com](http://catalog.donaldson.com)

## Application/Cross-Reference/Attribute Search

You told us what you need – and we listened. We've built the ALL NEW **Donaldson DYNAMIC™ Search** to make finding your filter MUCH easier...faster...smarter... MORE flexible...powerful...DYNAMIC!



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## Our website

It's the best place to see our full line of heavy-duty engine and hydraulic filters, plus bulk tank filtration, exhaust (and more!)



[donaldsonfilters.com](http://donaldsonfilters.com)



[youtube.com/user/donaldsonengine](http://youtube.com/user/donaldsonengine)

## Check out our YouTube channel

for a complete offering of installation videos for Fuel, Air, Lube, Hydraulic and Coolant filters – plus videos featuring Bulk Tank filtration, Donaldson Blue™ filters and other new products!



[youtube.com/user/donaldsonengine](http://youtube.com/user/donaldsonengine)



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