



## Donaldson Blue™

The Broadest Premium Filter Coverage  
for On- and Off-road Equipment

**WE RAISED THE STANDARD  
IN FILTER PERFORMANCE.**

**SAY HELLO TO  
DONALDSON  
BLUE.**



Donaldson®  
**BLUE™**



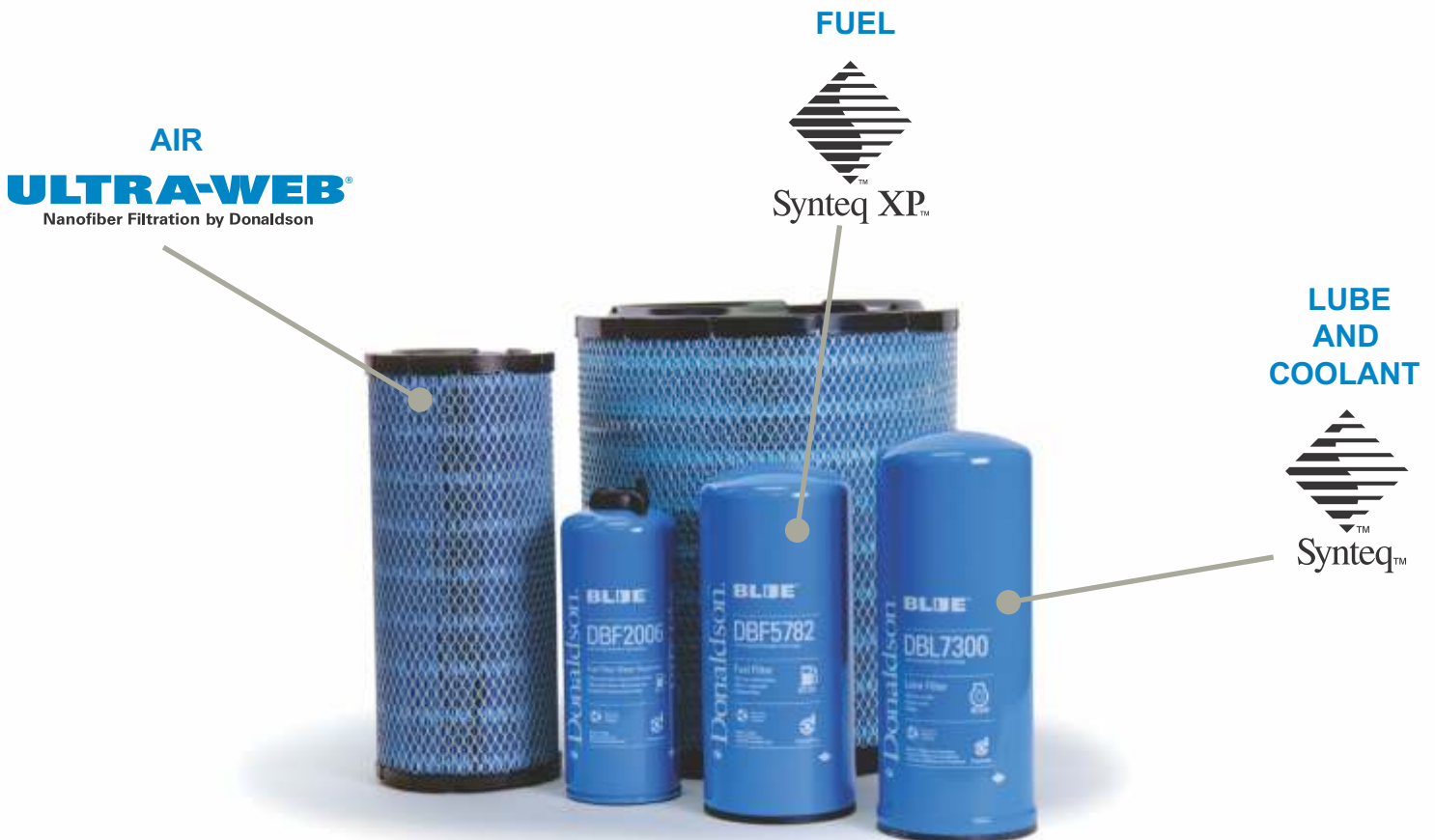
# Donaldson Blue™ filters reduce operating cost and increase equipment uptime

Choosing the best Donaldson filtration solutions for heavy-duty engines and equipment is now easier than ever. They're all blue. **Donaldson Blue™** to be exact. Made using Donaldson's most advanced filtration technologies, Donaldson Blue filters are the definitive choice to protect equipment, reduce maintenance cost and increase equipment uptime.

With more than 150 air intake, lube, coolant, and on-board fuel filters – plus advanced bulk fuel filtration systems that clean fuel before its pumped into equipment – Donaldson Blue filters give you the broadest premium coverage of any filtration brand. And since they are direct replacements, installation is easy and precise. Best of all, you can trust Donaldson Blue filters to clean in the hard-working environments that heavy-duty equipment encounter every day.

## Proven Nanofibers Make a BIG Difference

The Donaldson Blue line includes proven technologies like Ultra-Web® nanofiber media for air filtration, Synteq™ media for lube and coolant, and game-changing Synteq XP™ media for fuel filtration. These Donaldson proprietary media technologies stop more contaminant than standard cellulose filters, which leads to better **engine protection** and **longer engine life**.





# Donaldson Blue™ Fuel Filters

## Longer Engine Life. Longer Filter Life

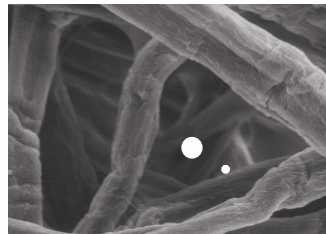
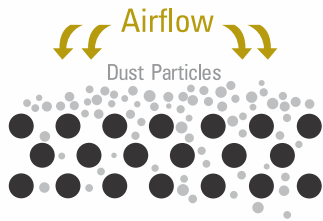
Donaldson, the company that invented air filters for heavy-duty diesel engines almost 100 years ago, was also the first to develop nanofiber air filter media for the diesel engine market nearly 20 years ago.

### Ultra-Web® Advantages

- Engineered to perform in extreme temperature and humidity conditions, unlike ordinary nanofibers
- Proven in the real world – used in diesel engines for nearly two decades
- On-highway trucks are guaranteed to go twice the distance compared to standard cellulose filters

### Media Comparative Cross Section

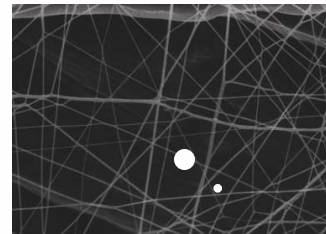
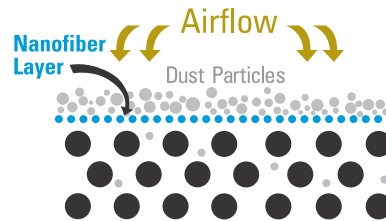
#### Conventional Cellulose



#### Cellulose Media

Cellulose fibers are larger than Ultra-Web® nanofibers and have larger spaces between the fibers, which causes contaminant to load in the depth of the media and plug the airflow path, resulting in higher restriction and less capacity.

#### Donaldson Blue™ Ultra-Web® Nanofiber Technology



#### Ultra-Web® Media

Ultra-Web nanofibers have submicron diameters and small interfiber spaces, which result in more contaminant being captured on the surface of the media, promoting lower restriction and

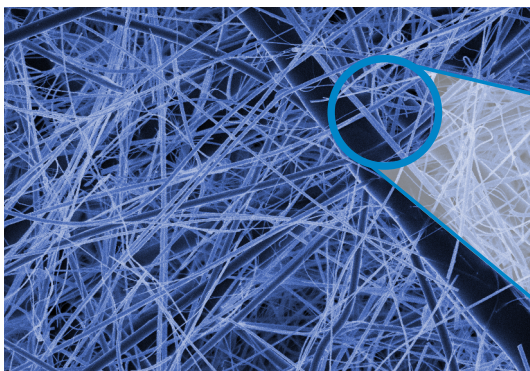
**ULTRA-WEB®**  
Nanofiber Filtration by Donaldson

Enlarged Top Views of Media (at the same magnification.) White circles represent the diameter of a 2µ and a 5µ particle.

### Industry-Shaping Synteq XP™ Media Technology

On-engine fuel filters are your last chance to remove contaminant from your fuel system. It's critical that your filters remove – and retain – as much contaminant as possible in all types of operating conditions. **Donaldson Blue™** filters with Synteq XP media technology provide premium protection for Cummins® QSK engine fuel systems. They offer better contaminant removal and better contaminant retention under the challenging operating conditions your engines and equipment face every day.

Cummins® is a registered trademark of Cummins, Inc.



Donaldson's proprietary Synteq XP nanofiber media creates small, consistent inter-fiber spacing – increasing filter capacity. These unobstructed pores result in reduced pressure drop and increased surface area for capturing and retaining more microscopic particles.

#### Resin-free, thermally-bonded fibers

During the media manufacturing process, the surface of the binding fiber is heat-fused to bond to the surrounding micro-glass – no resin webbing to block pores.



# Donaldson Blue™ Lube and Coolant Filters

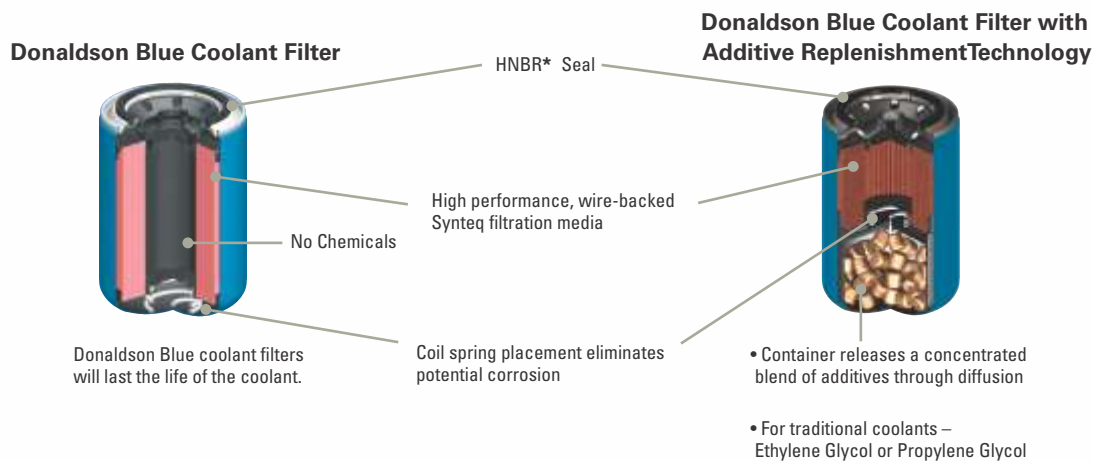
## Extended Service Lube Filtration

**Donaldson Blue™** lube filters with Synteq™ media reduce oil consumption, increase engine protection and reduce operating costs. They provide the optimal balance of efficiency, capacity and restriction, and remove **more than 90% of contaminants** that are 10 microns or larger, compared to 50% or less for typical cellulose filters. At the same time, they deliver **nearly double** the contaminant carrying capacity of standard cellulose filters. Fully synthetic Synteq media also delivers **lower restriction** to provide **maximum oil flow**. Donaldson Blue lube filters are designed specifically to provide **longer filter life** – a critical component of any extended filter maintenance program.



## Extended Service Coolant Filtration

Donaldson Blue coolant filters use Synteq media to remove fine contaminants from sensitive coolant systems. Donaldson Blue coolant filters with Additive Replenishment Technology also maintain cooling system balance through a controlled release of additives, which **extends the coolant maintenance interval** up to once a year or 150,000 miles / 195,000 km.



## Clean Fuel and Lube Solutions

Contaminants and water are enemies of modern diesel engines, robbing vehicles and equipment of performance and longevity. Removing contamination **prior to pumping fluids** into equipment helps on-board filters do their job better, while protecting pumps and injectors.



### Donaldson Blue bulk fuel filters help:

- Prevent unscheduled downtime
- Save on costly component replacement
- Improve fuel economy
- Protect your investment with confidence