

# BULK FUEL & LUBE

## Why Do I Need Clean Fuel?

Today's sophisticated equipment, such as diesel engines with increased injection pressures, requires higher cleanliness levels than ever before. Donaldson bulk filtration systems save on costly component replacement, prevent unplanned downtime and prevent a decrease in fuel efficiency due to injector wear.

- **Diesel is Dirty:** As diesel travels from refinery to terminal locations to local bulk storage and finally to your bulk tank, it picks up contamination that is deadly to today's engines.
- **Dirt is Bad:** Contaminates such as dirt are easily transferred and found in diesel fuel. These contaminants can wreak havoc on your equipment, shortening its life span and efficiency.
- **Remove the Dirt. Achieve More:** By filtering dirt, water and other contaminants before your fuel ever touches your equipment, you'll eliminate costly downtime.



## Clean. Protect. Polish.™

- **Clean:** Filter in - Donaldson single-pass filtration on the inlet remove 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:** Correct Moisture/Particle Breather 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:** Outlet Filter - 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.

## Achieving the Target Cleanliness of Fluid

- ISO 4406 contamination codes are a way to express fluid cleanliness. The three numbers correspond to the number of particles 4 microns and larger, 6 microns and larger, and 14 microns and larger present in the fluid.

## Recommended ISO Cleanliness

