



Clean Fuel & Lubricant Solutions™

# Clean DEF Solutions

Diesel Exhaust Fluid Filter



**Achieve More.**

# Delivering Clean Diesel Exhaust Fluid to Keep You Running



## Filtering DEF Fluids

Introducing a filter from Donaldson Clean Fuel & Lubricant Solutions for bulk Diesel Exhaust Fluid (DEF) that provides unsurpassed filtration efficiency and industrial quality construction to protect your vehicles and equipment so you can Achieve More.

Today's Selective Catalytic Reduction (SCR) systems require clean DEF for precise dosing and complete atomization to occur. Without clean DEF, the SCR cannot do its job of transforming NOx into harmless nitrogen and water.

Contamination from handling practices during transfer and storage or incompatible material corrosion can prevent you from accessing the clean DEF you need to Achieve More. Problems with the fluid can occur, and onboard equipment can plug due to the presence of particulate and crystals.

The Donaldson DEF filter catches dirt before it reaches the onboard DEF filter, thereby ensuring the proper function of the SCR, extending the life of the onboard DEF filter and preventing vehicle or equipment power reduction.

## Donaldson DEF Filter Features

- Beta 5000 efficiency at 1 micron
- 316 stainless steel housing
- Precise knife edge internal seal
- Heavy duty construction
- Maximum working pressure of 300 psi
- Leak-free O-ring seal
- Integrated gauge/sample ports
- Replacement filters available individually

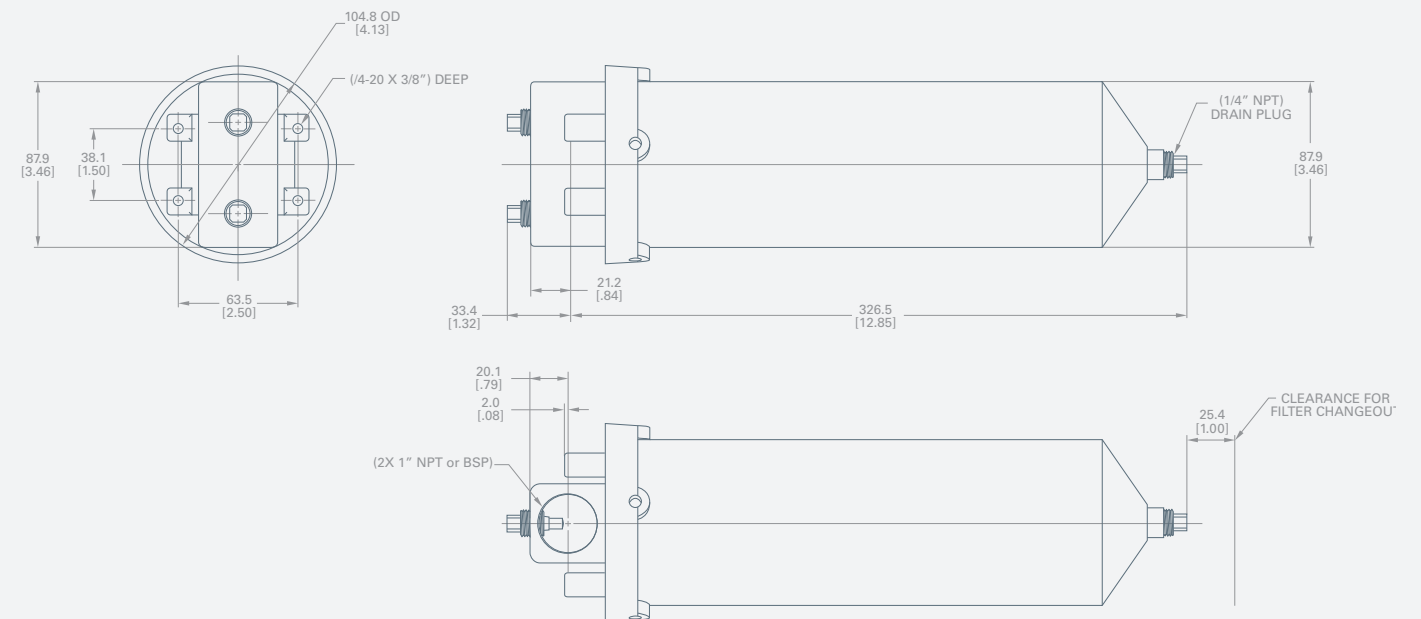
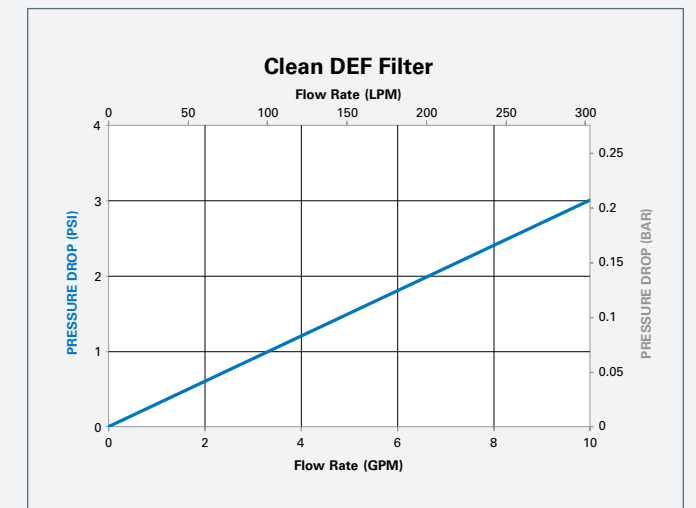
# Donaldson Clean Fuel & Lubricant Solutions

## Clean DEF Technical Specifications

<b>DEF Filter Housing (Choice of Connection)</b>	P575057 1" NPT P575058 1" BSPT Both models include mounting bracket and filter wrench
<b>DEF Filter Element</b>	P575059 sold separately
<b>DEF Housing O-Ring</b>	P575060 replacement part
<b>Efficiency</b>	1 micron @ Beta 5000 (99.98%)
<b>Flow Rate</b>	10 gpm / 38 lpm maximum
<b>Max Working Pressure</b>	300 psi / 724 kPa / 7.24 bar
<b>Fluid Compatibility</b>	DEF
<b>Operating Temperature</b>	12 to 122 °F / -11 to 50 °C
<b>Housing Construction</b>	316 stainless, EPR O-ring
<b>Filter Material</b>	Polypropylene, EPDM gaskets
<b>Gauge Ports</b>	¼" NPT, upstream and downstream
<b>Drain Plug</b>	¼" NPT

### CAUTION

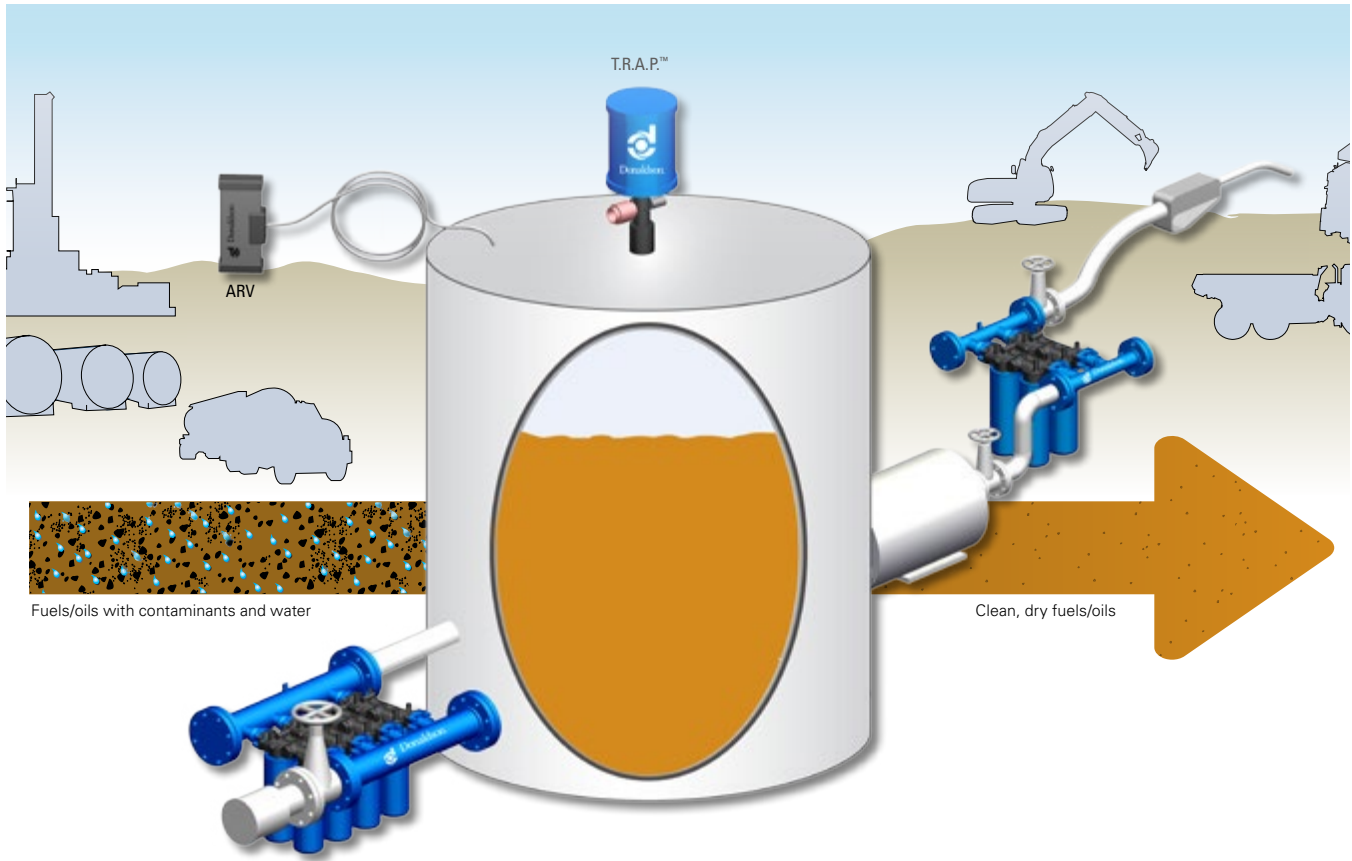
**DEF IS HIGHLY CORROSIVE.** All pipe fittings must be compatible with DEF. Most plastics as well as stainless steel are acceptable. Carbon steel, zinc, aluminum, brass, copper, etc. are not recommended due to undesirable chemical reactions. If any of these materials are used in your system they should be immediately replaced with a compatible material.



# Donaldson Clean Fuel & Lubricant Solutions

**Achieve More.**

Filtering diesel exhaust fluid is only part of your comprehensive contamination control solution. It is important to filter ALL your diesel fluids to achieve desired cleanliness levels prior to dispensing into your equipment:



## Clean Fuel and Lubricant Solutions

Donaldson Clean Fuel Solutions is a business unit dedicated to the bulk filtration of diesel fuel. We believe that fuel-related issues shouldn't be your operational problem. We believe you shouldn't be slowed down by dirty fuel, fuel chemistry issues or water in your fuel. We believe that with clean diesel you can Achieve More.



Donaldson Company, Inc.  
Minneapolis, MN USA

855-518-7784 (USA/Canada)

[MyCleanDiesel.com](http://MyCleanDiesel.com)  
[donaldsonfilters.com](http://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](mailto: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. F111517 ENG (12/14)

© 2014 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.