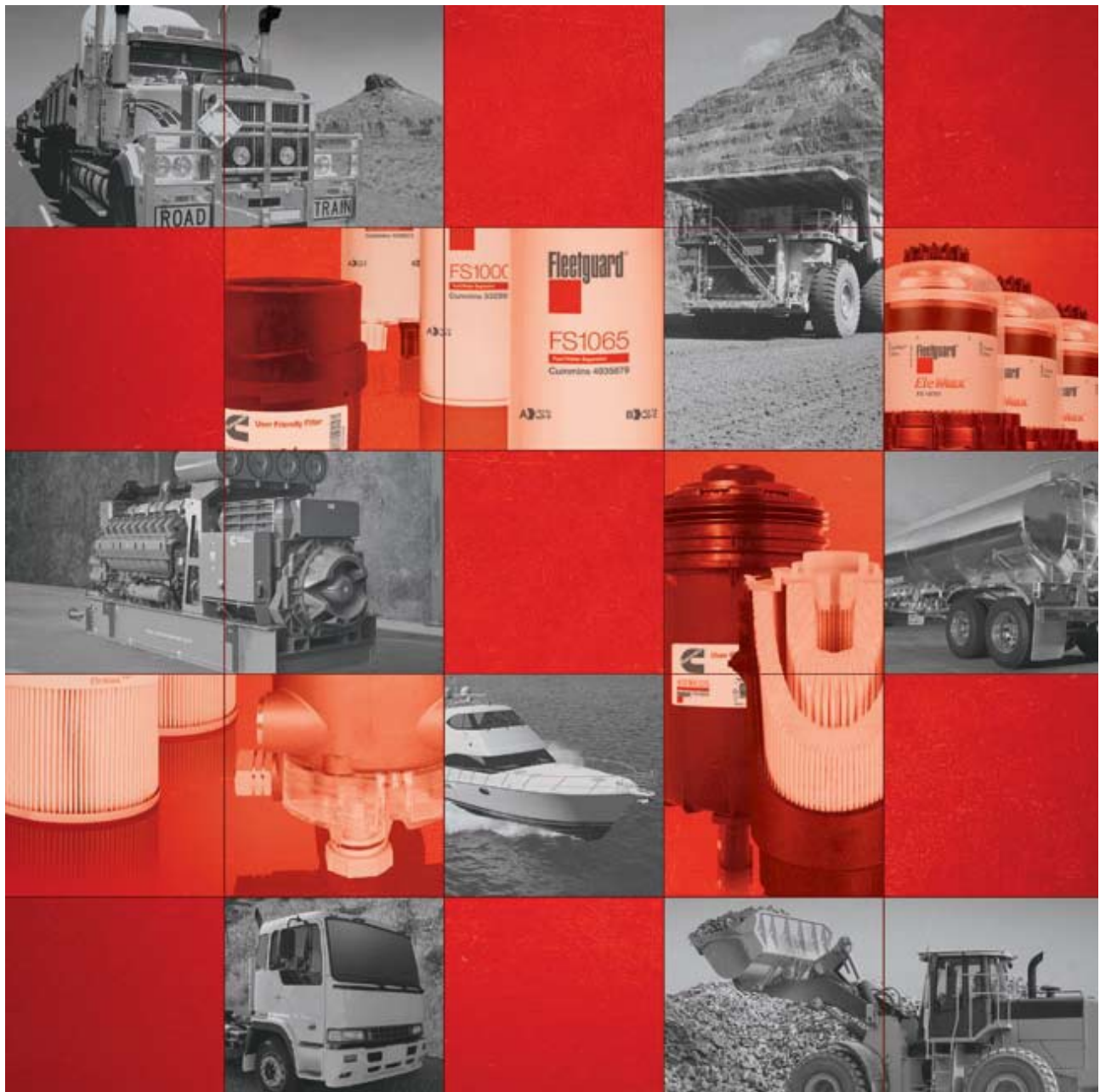


# Fleetguard®



## Filtration Capabilities

Genuine Filtration for Today's Engines



# Why a Filtration System is So Important



## Clean Fuel and Finer Filtration

Clean, uncontaminated fuel is key to maximum fuel system performance and longevity for modern diesel engines. Without high quality fuel filtration and regularly scheduled service, fuel contamination can lead to costly repairs and engine downtime. A fuel cleanliness study found that more than 50% of fuel used worldwide does not meet the suggested industry cleanliness levels. Fuel injection system suppliers today require that fuel entering the fuel injection system have ISO cleanliness levels as low as 11/8/3\*. Dirt and contaminant removal and effective fuel/water separation with high quality filtration reduces component wear and creates optimized fuel atomization and engine power.

## Don't Compromise On Air Filtration

Air is not only vital for any life form on earth but also important for today's state of the art diesel engines. An average Heavy Duty Diesel truck engine requires between 3,650 to 5,600 gallons (13,000 to 20,000 liters) of air to burn just one liter of fuel. However, this air is polluted with all kinds of contaminants, such as fumes, dust, smog and other particles. Poor air quality will significantly impact the performance of a diesel engine.

Fleetguard® air filters are engineered to deliver optimized air quality and provide the best overall performance and service life. To properly perform its function of reducing wear and extending engine life, the air filter must filter 100% of the pre-combustion air and remove as much contaminant of any and every particle size as it can to a very high final efficiency. Sooner or later, the choice of the right filter for the right application can make a substantial difference in wear rate, cost and performance of your diesel engine.

## We Understand Contamination

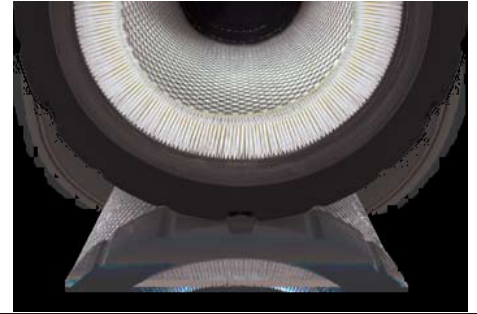
Lube oil is an essential element in the life of your engine. Among other things, lube oil lubricates, cools, cleans, protects, and seals the engine components. Over time, contamination is introduced into the lube system due to the combustion process, engine wear, spent additives, etc. With the addition of global clean air standards, more contaminant tends to enter the combustion chamber making lube filtration even more important than ever. With 50 years experience in excellence in lube filtration, you can trust Cummins Filtration to provide lube system



# Why Fleetguard® ?

## Easy-Grip Surface

Metal shell filters can be slippery when they have oil or grease on them. The user-friendly filter is designed with a textured surface and raised ribs for extra leverage when tightening or loosening the filter by hand.



## Superior Outside, Superior Inside

Of course, the most important part of any filter is how well it protects your engine. The UL approved user-friendly filter uses proven media technology, trapping metal and dirt particles, preventing them from reaching the moving parts in your engine. Plus, because there are no metal parts, the danger of metal shards or shavings coming from the filter itself is eliminated.

## Easy Installation

The user-friendly filter eliminates potential installation problems. The patented socket hole only works in one direction, so you can't use it to over-tighten the filter. And because the filter threads are made of polymer, they can't strip the metal threads on your engine's filter spud. In the unlikely event that a filter gets cross-threaded, you only have to replace the filter and not the spud. And, because polymer threads can't cause spud thread wear, the fit is always like new - even after years of filter changes.

## No-Spill Design

For years, metal filters have been designed with a dome shape, making it impossible to set a used filter (or a new one) down without it tipping over and spilling the contents. The user-friendly filter is designed with a flat bottom, reducing the risk of messy, dangerous spills, slick floors and time wasted cleaning up.

## Easy Removal

The recessed 1/2" socket hole that's molded into the bottom of the user-friendly filter makes removal as easy as turning a wrench. It really comes in handy when your engine's filter is in a hard-to-reach location.



## Easier Disposal

Like any metal filter, the user-friendly filter can be drained and sent to a landfill or put in a compactor. But it has an advantage over metal filters because it can be incinerated and used to create heat and energy in an environmentally responsible manner.

# Fleetguard®



A good filter achieves an optimum balance between **EFFICIENCY**, **CAPACITY** and **COLD FLOW ABILITY**



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