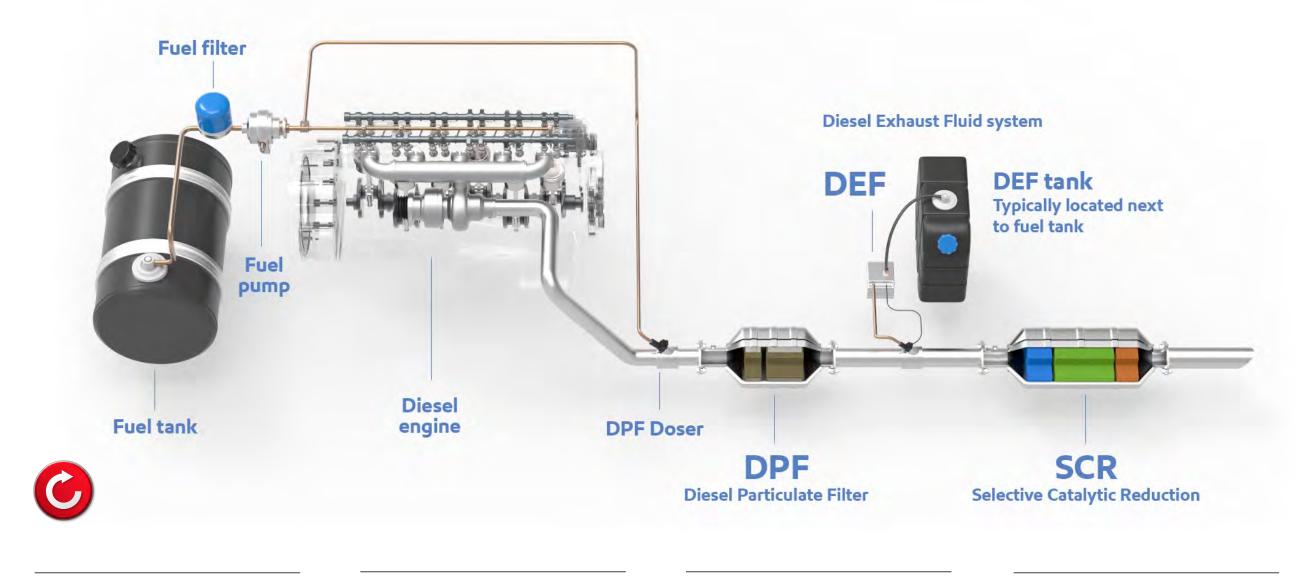
Mobil Diesel Efficient

Fuel and emission system overview





Fuel system

Diesel engine
including EGR | Exhaust Gas
Recirculation

DPF Diesel Particulate Filter

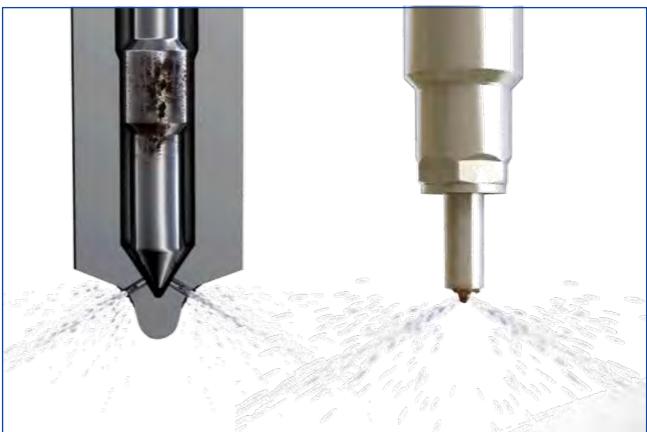
SCR | Selective Catalytic Reduction

Aftertreatment systems

Mobil Diesel Efficient

Dirty versus cleaner fuel injectors





Spray pattern

- Inconsistent
- Cannot supply fuel efficiently and on a timely basis

Operation

- Injector motion is hindered
- Incomplete combustion



Spray pattern

- Uniform spray pattern
- Small fuel droplets

Operation

- Consistent flow
- Timely operation

Benefits of Mobil Diesel Efficient™ fuel*

On-road and Off-road Benefits

Environmental needs

On-road

- 2% average lower CO₂ emissions
- 11% average lower NO_X emissions

Off-road

Lower CO₂ emissions

Fuel system needs

On-road and off-road

- Cleans and helps prevent internal and external injector deposits
- Enhanced corrosion protection
- Reduced premature fuel filter plugging

Financial needs

On-road

- 2% average improved fuel economy
- Lower maintenance costs

Off-road

- Improved fuel economy
- Lower maintenance costs

Performance needs

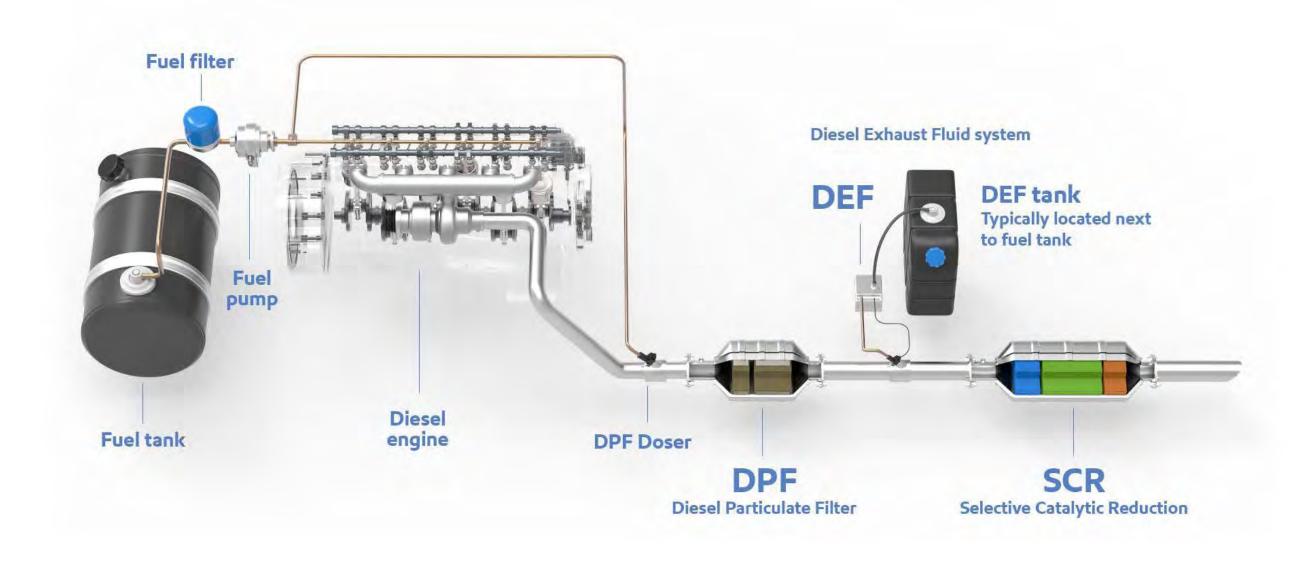
On-road and off-road

- Improved power and responsiveness
- Improved cold weather operability**
- Helps optimize engine performance and productivity



^{*}Applies to Diesel Efficient-branded fuel compared to diesel fuel without detergent additive. Actual benefits and fuel economy will vary depending on factors such as vehicle/engine type, engine conditions, driving style and diesel fuel previously used.
** US Only - Applies to Mobil Diesel Efficient branded fuel with cold flow improver.

Fuel and emission system overview



Fuel system

Diesel engine including EGR | Exhaust Gas Recirculation DPF | Diesel | Particulate Filter

SCR | Selective | Catalytic Reduction

Aftertreatment systems

This image is not an exact replica but a rendering for training purposes only.



Mobil Diesel Efficient

Dirty versus cleaner fuel injectors



Spray pattern

- Inconsistent
- Cannot supply fuel efficiently and on a timely basis

Operation

- Injector motion is hindered
- Incomplete combustion



Spray pattern

- Uniform spray pattern
- Small fuel droplets

Operation

- Consistent flow
- Timely operation



Please note: these images are used for demonstration purposes only



Mobil Diesel Efficient

Reduce your GHG emissions, increase your efficiency.



Start reducing your GHG emissions without sacrificing performanceAvailable from a brand you trust

Begin your lower GHG emissions journey without sacrificing your bottom line. Mobil Diesel Efficient fuel has the power to reduce GHG emissions and improve fuel economy and uptime.

This fully formulated fuel is engineered to clean up and keep fuel injectors clean for a more efficient, complete combustion. This helps reduce CO₂ emissions, restore fuel economy and improve engine performance year-round.

The road to GHG emissions reductions begins with Mobil Diesel Efficient fuel.

It's hardworking fuel for hardworking people.



Reduced GHG Emissions*

Leading third-party lab testing demonstrated an average 2% reduction in CO_2 and average 11% reduction in NOx in on-road applications



Improved Fuel Economy*

Leading third-party lab testing demonstrated an average fuel economy improvement of 2% in on road applications*



Improved Engine Power

Helps prevent and clean up deposits to boost engine power and responsiveness



Increased Uptime

Better diesel fuel economy and reduced maintenance help your vehicles go farther on every tank



Reduced Maintenance Cost

Offers fuel system corrosion protection and can also help prevent premature fuel filter plugging



Independently Tested

The first and only fully formulated branded diesel fuel with independently tested, quantified on road fuel economy and GHG emissions reductions claims from a major energy company

APPLICABLE SECTORS

















Contact your Mobil Branded Reseller to learn more about the benefits of Mobil Diesel Efficient fuel for your business. 877-811-FUEL (3835) | www.ssipetro.com







Mobil Diesel Efficient™ fuel is a fully formulated fuel

... but what does that mean?

fully formulated = ready to use

Mobil Diesel Efficient™ fuel delivers consistent performance benefits

- Correct concentrations
- Correct temperatures
- Homogeneous mixture



VS.



Hand dosed additive

- Purchase and storage of additive costs
- Driver training
- Potential for over or under additizing

For illustration purposes only



Clean fuel injectors make all the difference.



Your diesel engines work hard to deliver performance and meet stringent emissions requirements. They demand a fuel that works just as hard to keep fuel injectors clean for optimal engine performance. Mobil Diesel Efficient™ fuel is engineered to help clean up and keep your fuel injectors clean to deliver the power, reliability and productivity you need from your equipment. A more even spray pattern improves combustion and helps reduce CO₂ emissions.

Keep your trucks on the road.

You want your trucks on the road serving your customers and making you money. Mobil Diesel Efficient™ fuel is engineered to improve your vehicle uptime, power and responsiveness.* Your customers, drivers and fleet managers will all be happier with a more reliable fleet!

Improve fuel economy.

Fleet decision makers can have confidence in the rigorous testing conducted in independent, world-renowned laboratories to substantiate the fuel economy improvement. Mobil Diesel Efficient™ fuel is designed to restore fuel injector performance and deliver an average 2% fuel economy improvement.* Go further with Mobil Diesel Efficient™ fuel.

Reduce maintenance costs.

You can't afford unplanned, costly repairs or anything short of getting the very most out of your fleet. Mobil Diesel Efficient™ fuel is engineered to reduce premature fuel filter plugging and fuel injector failures. It also lowers CO₂ by an average 2% and NOx by an average of 11%.* Improve your bottom line with Mobil Diesel Efficient™ fuel.

Contact your SSI Petroleum representative to learn more about how Mobil Diesel Efficient™ fuel can help your business. 877-811-FUEL (3835) | www.ssipetro.com



Proven Customer Benefits

Mobil Diesel Efficient[™] fuel is the first and only fully formulated branded diesel fuel from a major American energy company with proven quantitative benefits. It is a next generation fuel engineered to clean up and keep injectors clean for improved engine power and efficiency and reduced maintenance costs.

Lab Proven

We worked with Southwest Research Institute's world renowned independent research and testing laboratories to demonstrate and quantify the fuel economy and CO₂ emissions reduction in on-road fleets.

- 2% average fuel economy improvement*
- 2% average reduction in CO₂ emissions*



Experienced by customers**



Reduced DEF

Woodlands Transport Service Ptd Ltd experienced a **11%** reduction in Diesel Exhaust Fluid (DEF) after consistently using Diesel Efficient[™] fuel.¹



Lowered cost of operation

An Alabama based construction company reduced their total cost of operations by **3 to 5 cpg** after converting to Mobil Diesel Efficient fuel.²



Reduced DPF regens

Altom Transport Inc. fleet was able to reduce their unplanned shop visits for stationary DPF regens by **79%** after converting to Mobil Diesel Efficient fuel.



877-811-FUEL (3835)

www.ssipetro.com



Hardworking fuel for hardworking people