



ARCHOIL AR6400-D DIESEL FUEL SYSTEM CLEANER

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Powerful Detergents for Rapid Cleaning

Gas station diesel fuel typically contains no detergent (or very little) which allows deposits to build over time in the fuel system. This negatively affects the key fuel system components including injectors, turbos and DPFs.

The dirtier a fuel system is, the more negatively performance will be affected, leading to a progressive deterioration of power and fuel economy as well as increasing the chance of premature failure.

AR6400-D Diesel Fuel System Cleaner contains a powerful dose of detergents to rapidly clean heavy deposits and restore power to the fuel system. AR6400-D is recommended for use in one tank every 5,000 miles. However, if this is the first time using a fuel system cleaner in your vehicle with more severe deposits, AR6400-D should be added to two consecutive tanks in order to carry out the necessary deep cleaning.



The detergents in AR6400-D's formulation provide the following benefits:

- ✓ Rapid internal diesel injector deposit (IDID) clean-up
- ✓ Cleans up injector tips
- ✓ Cleans up internal injector parts
- ✓ Keeps clean against zinc deposits (DW10B)
- ✓ Keeps clean against metal carboxylates (DW10C)
- ✓ Preserves Total Base Number to extend oil cycle
- ✓ Test proven in common rail
- ✓ Longer filter and engine life
- ✓ Restores and maintains lost power
- ✓ Provides corrosion protection
- ✓ Prevents sludge build-up in fuel tank
- ✓ Provides thermal stability

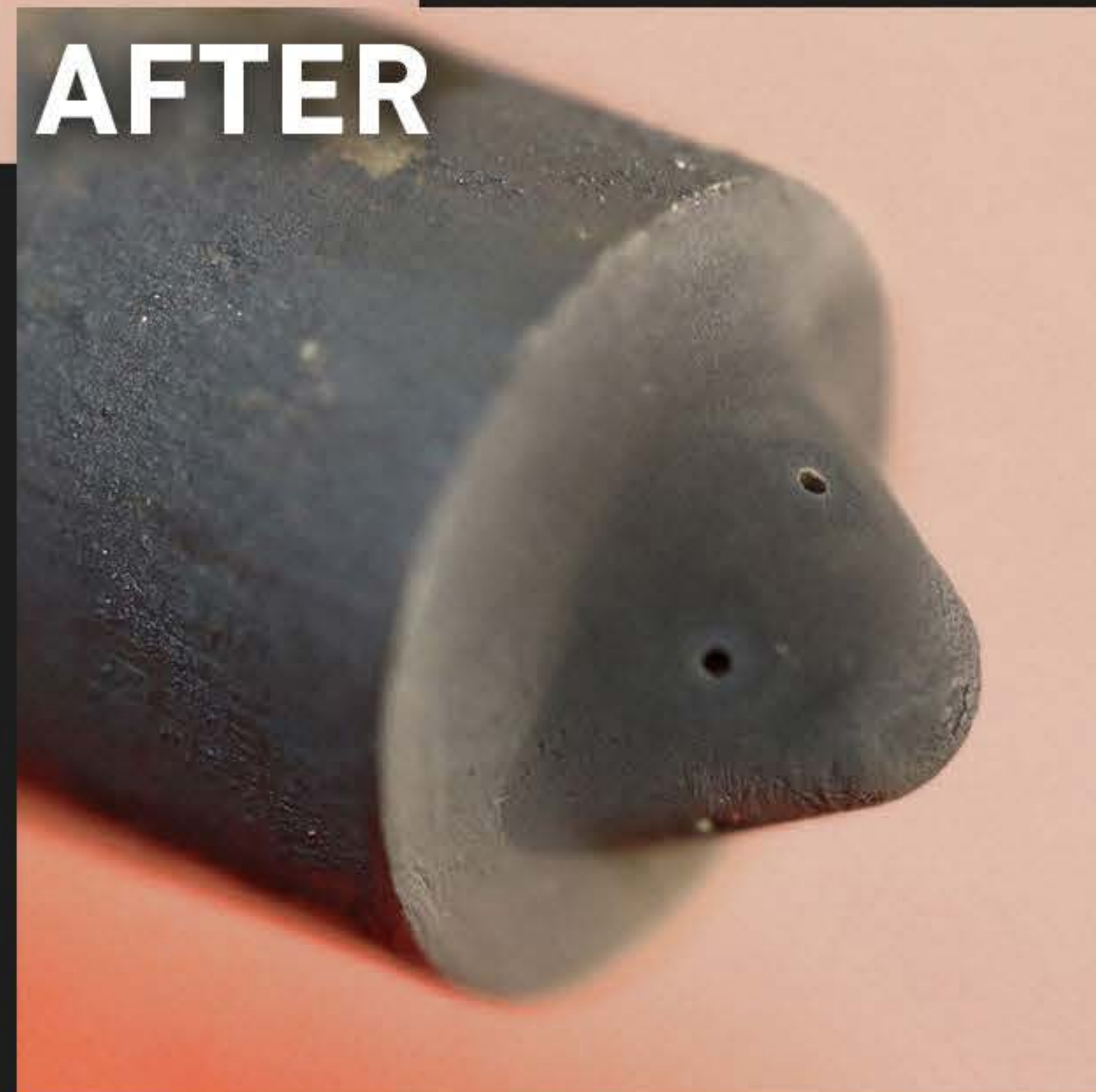
Remove Diesel Injector Deposits

Fully functioning diesel injectors are essential for efficient fuel system performance. Using AR6400-D to clean injectors will result in restored performance, spray pattern correction, a more complete combustion and lower emissions. Cleaning the injectors will also reduce further carbon build-up in the fuel system.

BEFORE



AFTER



BEFORE



AFTER



Post-Combustion Cleaning - Turbo

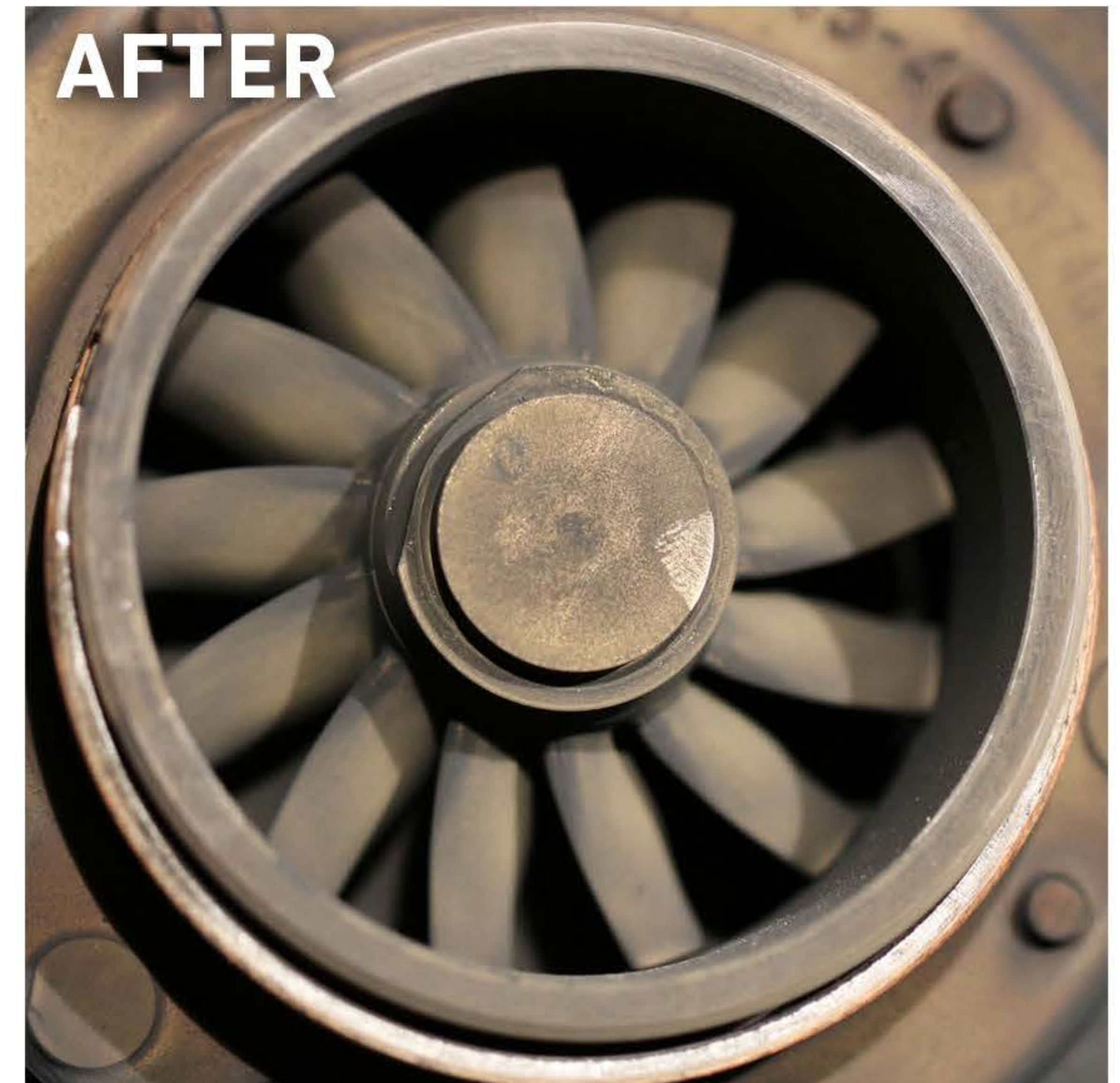
The chemistry in AR6400-D provides unique benefits to diesel fuel systems, including the ability to remove carbon from post-combustion components including the turbo and DPF.

Symptoms of post-combustion deposits include:

- Turbo lag
- VGT turbo over/under boost
- Increased frequency of DPF regens



AR6400-D clears the turbo of soot and carbon, reducing turbo lag and boosting throttle response. This reduces excess heat and wear, helping to avoid premature failure of the turbo.



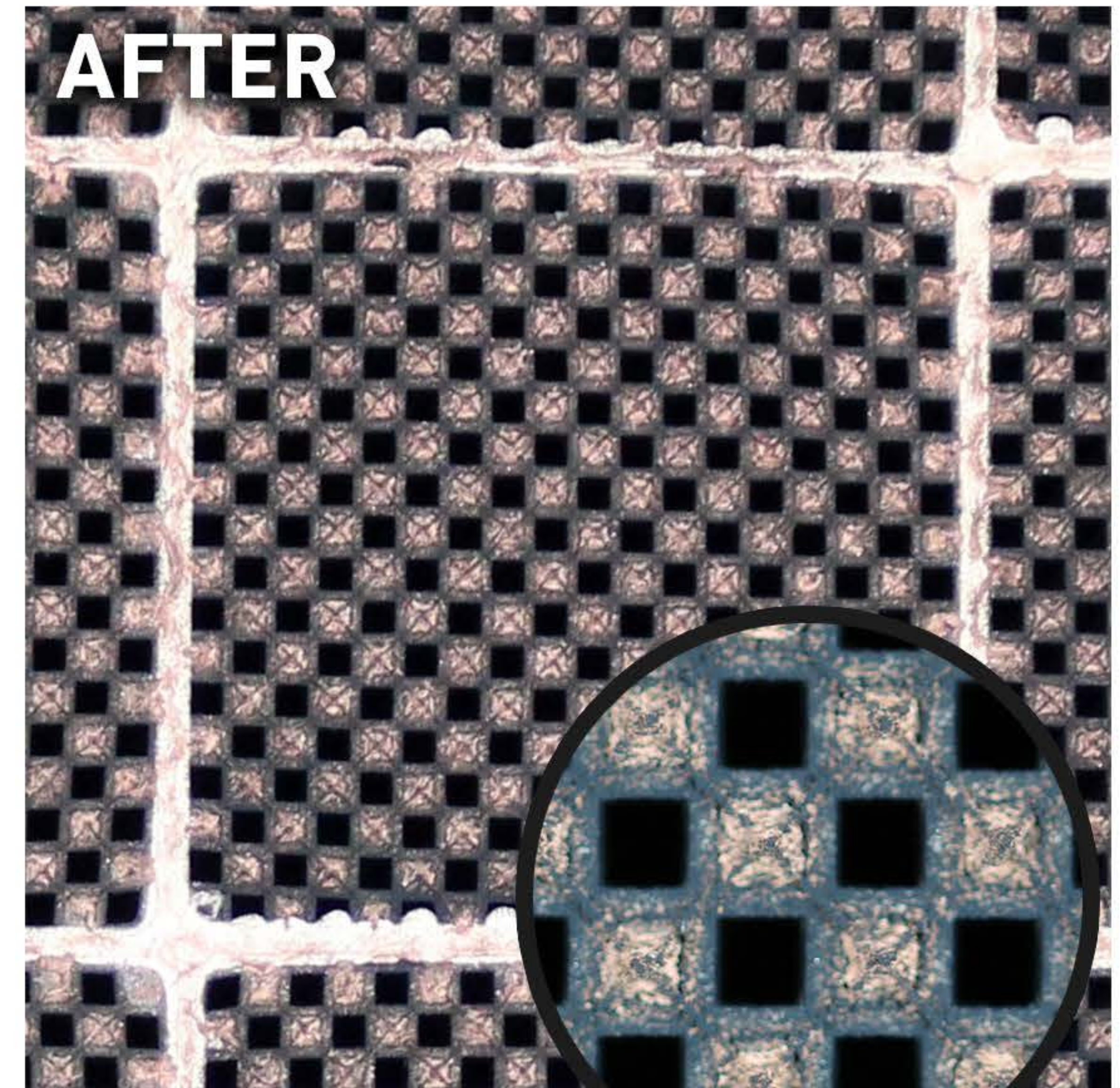
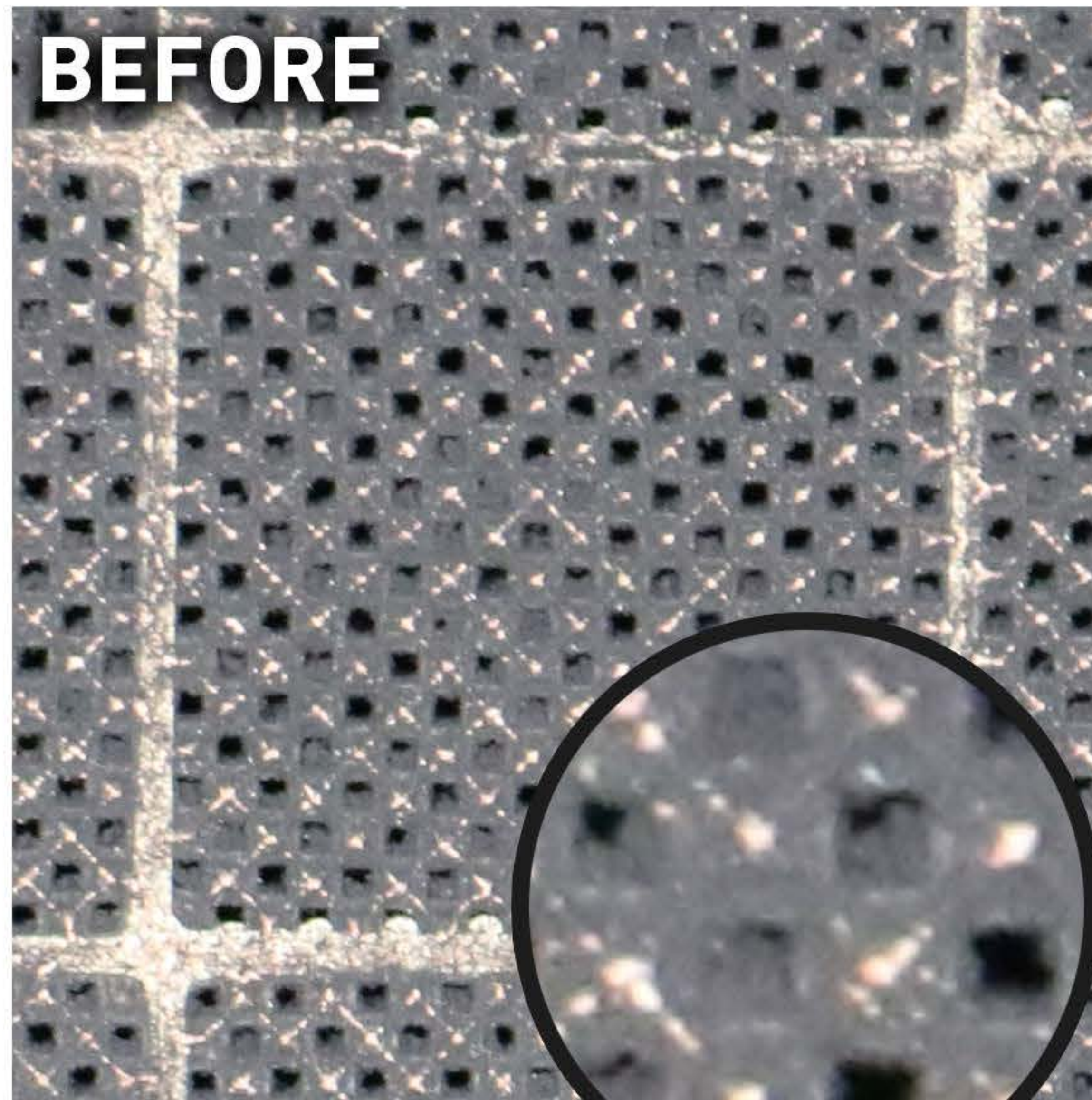
Post-Combustion Cleaning - DPF

AR6400-D clears heavy carbon deposits from the DPF which will:

- Reduce regen frequency
- Restore performance
- Avoid engine damage by preventing a clogged DPF

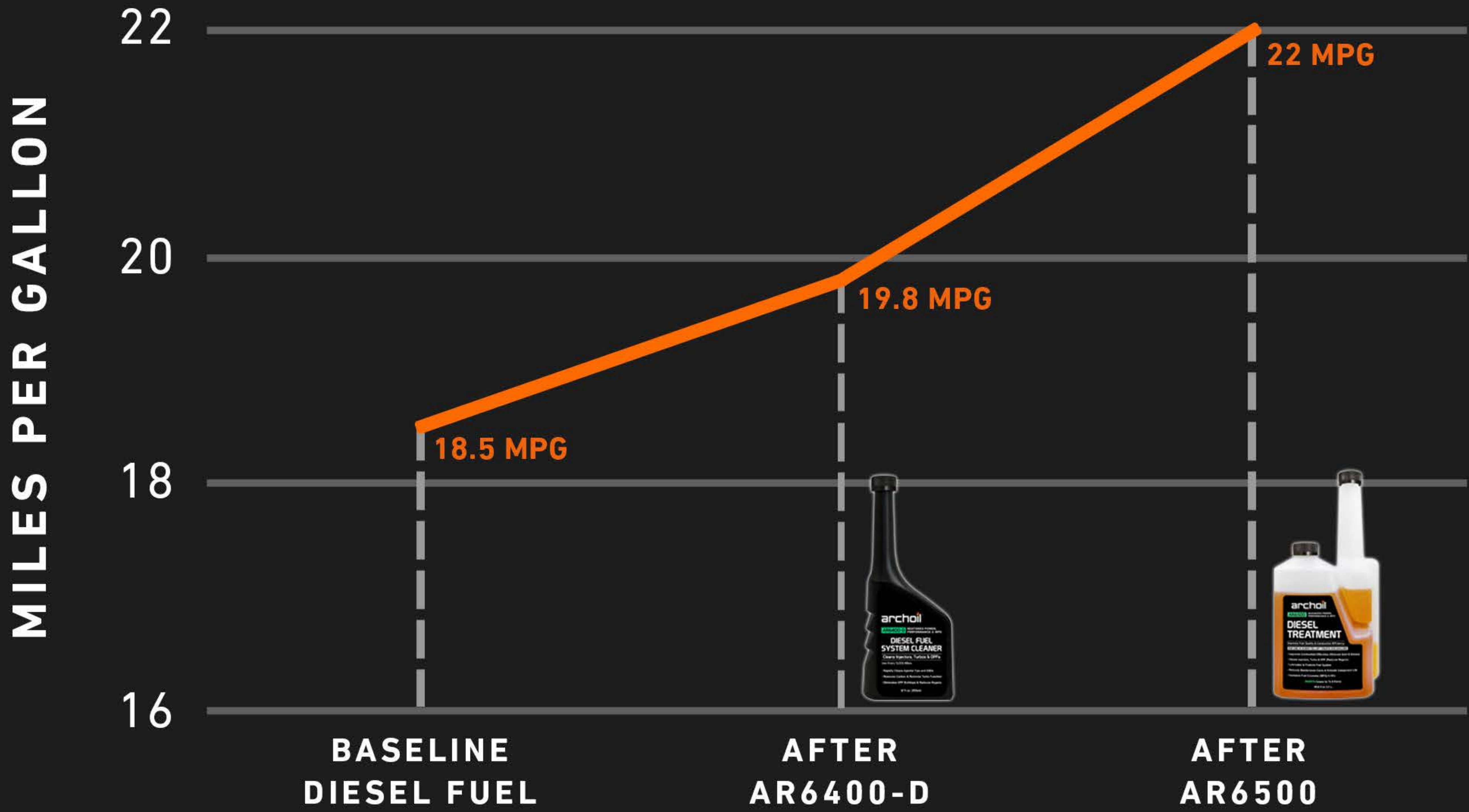


A clogged DPF results in reduced fuel efficiency, lack of power and in more serious cases, engine failure. DPFs with excessive build-up will also need to regen more frequently.



Archoil AR6400-D & AR6500 MPG Test Results

As a result of cleaning the fuel system and improving performance, fuel economy will improve. AR6400-D was tested in a 2011 F-350 6.7L under controlled highway driving to determine fuel economy benefits. The baseline fuel provided an average of 18.5 MPG. After one treatment of AR6400-D and three highway tests, the average MPG had risen to 19.8 – an increase of 7%. Use of AR6500 Diesel Treatment after AR6400-D increased MPG by a further 11.1%. Overall, this represents a 19% increase in fuel economy as a result of using Archoil’s diesel treatments (the Diesel Fuel System Kit).





If you have any questions about AR6400-D Diesel Fuel System Cleaner or other Archoil products, please email tech@archoil.com

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