



Your DEF Solution.



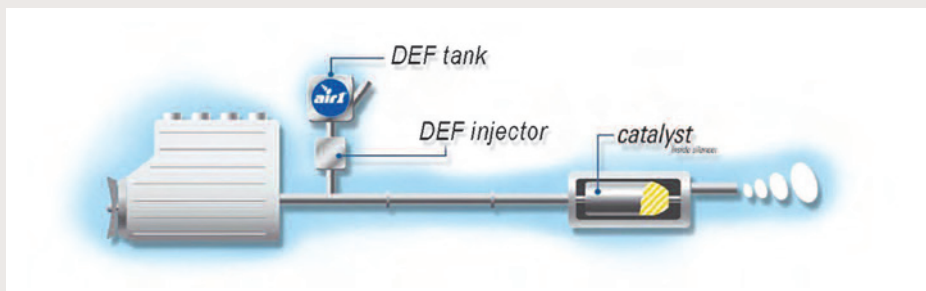
SCR Technology

What is SCR?

Selective Catalytic Reduction (SCR) is an innovative technology which leading North American manufacturers of diesel vehicles have jointly adopted after comparing and testing a variety of available technologies aimed at reducing emission levels to the required limits. SCR is the only technology that produces the reduction of exhaust fume emissions required by legislation while allowing optimum engine operation in terms of performance and fuel consumption.

How does SCR work?

SCR technology reduces emissions of the NOx gases that are produced inside the engine during combustion. This process requires the correct injected volume of DEF; a non-toxic, high quality, urea solution. DEF is sprayed into the exhaust, where it is subsequently hydrolyzed before the catalytic converter breaks down nitrogen oxide (NOx) into harmless nitrogen (N₂) and water (H₂O).



SCR technology is already proven to enable Heavy Diesel Vehicle engines to comply with Euro V legislation which took effect in 2008. Air1 is the most efficient way to take full advantage of SCR technology and to meet EPA emission regulations.

For further information please contact the Air1® team at: 877-810-4 DEF (333) website: www.air1def.com

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