NanoNet™ media is a proven protection for common rail systems
- Between 10 to 13 times more effective than competitive products at removing and/or retaining particles
- Protects your injectors better throughout the filter’s service interval
- Not affected by water in fuel like conventional cellulose filters
- Traps and retains contaminants even under real world vibration and flow surge
- Can extend service intervals, maintain high efficiency, reduce downtime and maintenance costs.

End of Service Life Emulsified Water Removal

The NanoNet Advantage...

NanoNet™ media does not contain cellulose fibers and unlike conventional filters NanoNet provides the structural integrity needed for a high level of performance. NanoNet provides 3x more protection throughout the life of the filter than the next best competitive product.
Empowering Technologies
Product Features

- Single-cylinder design offers improved particulate matter (PM) and oxides of nitrogen (NOx) reduction capabilities
- Reductions of up to 50% in claim space and 30% in weight (compared to DPF & SCR systems currently in production for today’s markets)
- Fewer active regenerations are required for soot management in the DPF system
- Catalyst diameters range from 9 inches to 13 inches
- Optimized SCR functionality with the use of the UL2 Urea Dosing System
- Urea is continuously present within the dosing unit, preventing crystallization and clogging
- The Compact Mixer optimizes urea mixing while helping to minimize the risk of urea deposits, ensuring efficient operation during NOx conversion.

Customer Benefits

- More robust and reliable system due to simplified packaging and optimized on-board diagnostics (OBD)
- Greater ash capacity for long maintenance intervals
- Optimized for accessibility and serviceability resulting in simplified maintenance
- Minimized need for regeneration and preventative cleaning, reducing fuel consumption
- Meets multiple emissions regulations, including Stage V
- Readily adaptable to a variety of applications
- Flex Module system packaging available to fit in challenging space claims seen in many off-highway applications
- UL2 Urea Dosing System designed to achieve optimal levels of NOx reduction
- UL2 Urea Dosing System’s freeze robust design offers improved reliability and optimized dosing spray performance, reducing the risk of deposits to significantly improve reliability.
Series 250 Wastegate

Product Features
- Extensive product catalogue for tailored solutions including Pneumatic and Electric Wastegate options
- Compact and modular design
- Optimized bearing design to reduce sensitivity to contamination while maintaining excellent rotor system stability
- Improved oil sealing over the full range of operating conditions.

Customer Benefits
- Improved packaging through compact design
- Improved fuel economy by up to 2%
- Durable and reliable product minimizing down-time
- Optimized product performance and improved transient response.