Air Filters.

Expanded coverage in superior air filtration for heavy-duty diesel powered equipment.

Better Protection.

• NanoForce® air filters deliver the cleanest combustion air possible for On & Off Highway engine applications. Nanofiber, when combined with our enhanced pleat design delivers optimal air filter performance for superior engine protection and lower equipment operating costs.
• In many heavy-duty applications, 75% of the contaminant particles that reach the air filter are less than 5 micron in size. If not stopped, these particles wreak havoc on critical engine parts such as pistons, rings and liners.

Real World Testing.

• NanoForce filters have been tested and proven in controlled laboratories using ISO 5011 and proprietary test methods to ensure an optimum balance of engine protection, performance and life.
• In addition to the laboratory tests, NanoForce filters have been extensively subjected to real world trials around the globe in a broad range of mining equipment. Even in the most severe environments in coal, copper, iron ore and platinum mines, with temperatures ranging from -45°C to +50°C, these filters have proven themselves time and again.

Lower Total Cost.

• Up to 30% lower annual air filter expenditure with NanoForce versus conventional filters = Lower operating cost.
• Reduced average air intake restriction during the service interval = Opportunity for lower fuel consumption.
Increased Filter Service Life.

- NanoForce filters may extend filter service intervals more than 1.5X the typical recommended service period. During field trials, up to 5X the filter life was experienced. Service life can vary due to equipment type, air pre-cleaner, intake system design, site conditions, equipment duty cycle, etc.

- The chart below displays typical and best-case service interval improvements witnessed during real world NanoForce field trials.

Features & Benefits.

- **99.99%** filtration efficiency; the best air filtration protection available.
- Up to 5X longer service interval versus conventional filters; less air filter changes.
- Robust design that provides reduced average air flow restriction over the service interval; reduced fuel consumption.

Best Warranty in the Business.

The Cummins Filtration Warranty extends to our entire line of products, ensuring the same promise of performance and coverage beyond the competition. Cleaning nanofiber air filters will damage nanofiber filter media, thus compromising engine protection and voiding the filter warranty. Visit cumminsfiltration.com to learn more about the competitive benefits of the Cummins Filtration Warranty.