NanoForce® air filters deliver the cleanest air possible for mining applications. Nanofiber, when combined with our enhanced pleat design delivers optimal air filter performance for superior protection.

In many applications, over 75% of the contaminant particles that reach the air filter are less than 5 microns in size. If not stopped these particles can wreak havoc on the electrical equipment.

**99.99% filtration efficiency (ISO5011, 0~5micron dust)**

**Best Protection Available**

Nanofiber media provides a barrier to small, but harmful particles. The red circle represents a dust/dirt particle of 5 micron size.

**Durable Filter Design**

Fleetguard NanoForce filters ensure the high performance and stability required during the cleaning process common to electric rope shovel equipment using AirScrubPro™ systems thanks to a unique pleat design and additional beading. The system uses pressurized air to blow dirt and dust out of the housing which can cause premature wear on less-robust air filters.

These air filters are the first and only line of defense for the controllers on electric rope shovel excavators. Rope shovels can have as many as twenty controllers that can cost upwards of $200,000 each to replace.

Fleetguard NanoForce filters installed inside an AirScrubPro™ housing on an electric rope shovel excavator to prevent dust from reaching the expensive electrical controllers and motors.
Compatible with AirScrubPro™

Not all electric rope shovels are outfitted with the added air scrubber protection, AirScrubPro™, with which Fleetguard NanoForce® filters are compatible. The photos shown to the right highlight the easily noticeable difference between the air cleaning equipment. The example to the left has the added air cleaning system, AirScrubPro™, suitable for use with Fleetguard NanoForce filters. The example to the right shows the style of air cleaning system that is not compatible with Fleetguard NanoForce filters.

Real World Tested and Proven.

NanoForce filters are extensively subjected to real world trials around the globe in a broad range of off-highway equipment. Even in the most severe environments of coal, copper, iron ore and platinum mines, with temperatures ranging from -45°C to +50°C, NanoForce® technology proves an optimum balance of protection, performance, and life.

Nothing Guards Like Fleetguard.

Fleetguard NanoForce filters with 15% more dust holding capacity and 25% less air flow restriction

More Dust Holding Capacity.

Fleetguard NanoForce filters

Start Saving Today.

Less waste
Less maintenance
Less filters purchased
Less equipment downtime

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. Visit cumminsfiltration.com to learn more about the competitive benefits of the Cummins Filtration Warranty.