

A) Technical description of technology, including imagery as applicable

Purify Fuel's nanO₂ Combustion Catalysts® are a proprietary family of fuel catalyst products for Diesel, Biodiesel and Dual Fuel engines that save money, increase power, and reduce emissions. Our nanO₂ Combustion Catalyst™ has been formulated to help heavy duty diesel engine fleets immediately reduce greenhouse gas (GHG) emissions and decrease Criteria Pollutants while lowering fuel consumption without engine modification. The following is a summary of all Market Application Test Results which we hope will validate a deeper review or our RF response.

Case Study Results are Consistent

Case Application Segment	Fuel Savings	Workload Improvement	CO Reduction	NO ₂ Reduction	
Coal Haul Truck Study	10-15%	18.6% (Tons/Gallon)	60%	23.2%	
Frac Pad Study #1	9.3%	Addition HP Improved Fuel Savings by +2%	57%		
Frac Pad Study #2	8-12%	17% (Gallons/Linear Foot)	Prevented 30,000 Tons of CO Emissions		
Drilling Rig Field Study	17%		37%		
Short Line Railroad Field Study	8-9%				
Independent 3 rd Party Eval (NRE)	7.3-8.9%	Additional 250 HP (8% Increase) & 15% Reduction in Engine Noise)	17%		
Lab Eval (HARC)	6.4-14.6%		29.4%		