

CASE STUDY - Replace High VOC Solvents with AEROGREEN® 4130 at GVS Filtration

Project Profile:

GVS Filtration acquired Cummins Inc., a global power leader in the design, manufacturing, distribution and service of engines and related technologies, including fuel systems, controls, air handling, filtration, emission solutions and electrical power generation systems. Headquartered in Columbus, Indiana, (USA) GVS employs approximately 40,000 people worldwide and serves customers in approximately 190 countries and territories through a network of more than 600 company-owned and independent distributor locations and approximately 6,000 dealer locations.

GVS Filtration designs, manufactures and distributes heavy-duty air, fuel, hydraulic and lube filtration, chemicals and exhaust system technology products for diesel and gas-powered equipment Exhaust systems.

Problem:

During the manufacturing process there are multiple areas on the assembly line that require the parts to be cleaned as part of the process. This was accomplished using high VOC Solvents in the past before the introduction of AEROGREEN®.

Proposed Solution:

AEROGREEN® 4130 Industrial Cleaner – Degreaser to replace all solvents used to clean the components on the assembly line at GVS Filtration. AEROGREEN® to be used in all areas on the assembly line.

Process to Use AEROGREEN® 4130 Cleaner - Degreaser:

Using a cascading light flushing of the assembly line with AEROGREEN® 4130 diluted 8:1 with water followed by a rinse prior to passing onto the next stage of assembly.

The line speed is approximately 200 FPM (feet per minute) .

Conclusion:

AEROGREEN® has been successfully used at Cummins Filtration, now GVS Filtration, for the past eight years on a daily basis at their Bloomer Wisconsin Facility that is operating twenty four hours a day.



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