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Gideon® Technology Improves Cab Air Quality for Equipment Operators

Jacksonville, FL – August 22, 2006 – Improving air quality for heavy equipment operators has taken a significant step forward thanks to cutting edge technology found in the Gideon® Technology Powered HVAC Air Filtration System manufactured by Sy-Klone International, of Jacksonville, Florida.

“We can provide a working environment inside of the cab that maintains a constant temperature, keeps debris out of the operator’s face and lungs, provides better productivity and is healthier,” said James Moredock, president of Sy-Klone.

Gideon Technology is designed to meet the challenges presented by HVAC systems of off-highway heavy equipment and can be found installed on machines working in environments all over the world.

“Operators constantly report problems maintaining cabin pressurization which leads to debris intrusion and eventually to HVAC system failure,” Moredock said. “One of the key benefits of Gideon Technology is the ability to maintain cab pressurization over long periods of time. It not only keeps the cab cleaner it also helps keep the HVAC system up and running, avoiding costly but necessary repairs.”

With the Gideon Technology Powered HVAC Air Filtration System a Gideon Technology Powered Air Precleaner is paired with a high efficiency/high capacity filter canister resulting in filter life expectancy that goes from hours and days to months.

“Data we collect from the field shows people are seeing improvements in filter life that can only be classified as unbelievable,” Moredock said.

One such customer has a Caterpillar D8R track-type tractor and an 836 compactor. Before Gideon Technology Systems were installed on these machines he was replacing his fresh air filters as frequently as every 30 hours on the D8 and at least once a week for the 836.

“On the 836 they were replacing the fresh-air filters once a week at a cost of about \$45 per filter without the Gideon system installed,” Moredock said. “With the Gideon Technology HVAC Air Filtration System installed, we think they will save at least \$2,000 per year, not including the savings in labor costs to clean and replace filters or reduced down time.”

Similar maintenance and replacement issues were observed on the D8R.

“On the D8R they were getting two to three days out of an air filter before it had to be replaced,” Moredock said. “At \$43 per filter, the Gideon Technology Powered HVAC Air Filtration System should be able to save them at least \$4,600 per year in filter replacement on this tractor alone.”

And those savings are not restricted to just one customer. Currently customers are exceeding the 1,000 hour replacement interval Sy-Klone recommends on the filter canister.

“Sy-Klone’s policy and recommendation is to change the filter canister every 1,000 hours or sooner if your performance begins to suffer,” Moredock said. “We know people are exceeding that recommendation but why push it when you have already extended your filter life out to levels that were never possible before.”

Despite all of the cost savings Gideon Technology can provide, its biggest benefit is the fact it improves the operator’s comfort, which should have positive benefits for health and safety.

“Cab filtration quality has become a high visibility issue and it will only get bigger. New health and safety regulations are going to force people to improve HVAC systems,” Moredock said. “Gideon Technology allows them to remain responsible for their employees’ well being while also remaining fiscally sound,”

Sy-Klone’s interest in cab filtration hasn’t stopped with the current product offering. In fact new filtration packages, multi-environment filtration elements and even integrated HVAC solutions are in the works and are scheduled to be in the marketplace very soon.

“Our goal is to build on the success Gideon Technology has enjoyed to date.” Moredock said. “Next we want to develop a whole line of filtration products that when matched to Gideon Technology will allow equipment owners and manufacturers to get the optimum filtration solution for the problems they face.”

Sy-Klone International sets the industry standard with more than 18 years experience in the design and manufacture of atmospheric ejective air precleaners. OEMs and end users alike throughout the United States and around

the world specify Sy-Klone's products for use in the most demanding applications.

For additional information on Sy-Klone International, or Gideon® Technology, contact Harold White at 904-448-6563 ext. 312.

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