

XLR POWERED PRECLEANER[®] for Engines



van der Linden BV



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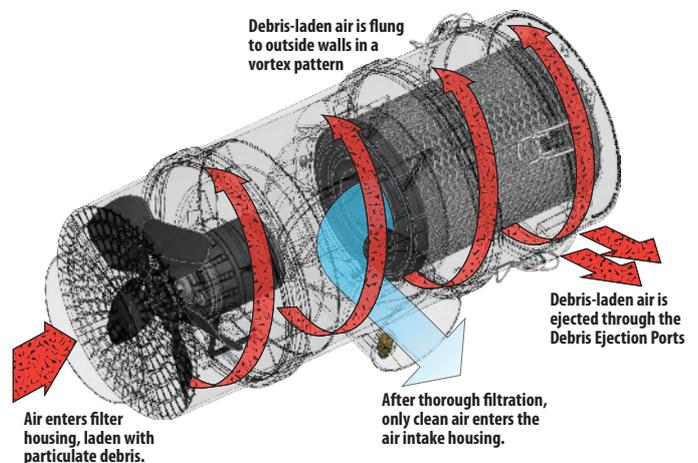


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FOR EXTREME ENVIRONMENTS • Extends Filter Maintenance Interval by 10-20X

Benefits

- High-efficiency precleaning across all engine speeds
 - 90%+ precleaning efficiency
- Incorporates High-Efficiency Prefilter
 - Arrests particulate down to 0.3 micron
 - 99.99% efficient on ISO Fine Test Dust
- Lowers initial restriction
- Self-Cleaning Filters
 - Debris falls off filter and is ejected from housing



Ask your Sy-Klone Dealer for more details



XLR POWERED PRECLEANER® for Engines

REAL WORLD PERFORMANCE:

Consistent Precleaner Performance is not dependent on engine or scavenge airflows.

Greatly increased uptime • Reduced operating costs • Customers were completely satisfied

COMPACTOR: LANDFILL

Environment: Cat 836K Compactor running in landfill in Topeka, KS, pushing and compacting daily loads of garbage, included "problem loads" of small shredded Styrofoam and pot ash.

Before XLR Installation:

With the factory installation, average engine filter life was only 27 hours over the first 5000 hours of machine usage. The Tier 4 machine design was high in initial restriction and low in scavenge airflow, resulting in short filter life.

After Triple XLR Installation:

Reduced initial restriction, coupled with the improved and consistent precleaner performance, yielded 477 hours of XLR pre-filter life in the initial period, and up to 720 hours on later cycles.

Customer's Response:

"Sy-Klone really knows what they are doing with engine precleaning. The XLRs work very well to separate the debris out of the airflow. The inlet screen does not plug and all we do is just change the OEM filter as required. I am impressed with how well these work."



Filter life increased from an average of 29 to 500+ hours

EXCAVATOR: INDOOR WASTE & TRANSFER STATION



Environment: Cat 336F Excavator working in indoor construction/demolition waste and transfer station in Champion City, MA., as well as a two Cat 320F excavator working in Stoughton Recycling in Stoughton, MA.

Before XLR Installation:

Challenges include heat and mixed debris including fine particulate leading to excessive machine downtime. Primary engine filters were being blown out 1-3X per day and changed weekly.

After Dual XLR Installation:

XLR filters are inspected at scheduled weekend maintenance check and changed at the PM cycle of 300 hours, sometimes longer. Machine uptime has dramatically increased.

Estimated Annual Savings on 950M: \$20,385.00*



Customer's Response: Very pleased!

They have installed XLR on additional machines. All have very similar performance improvement:

- Single XLR installation on Cat 320E Excavators
- Dual XLR installation on Cat 323E Excavators
- Dual XLR installation on Cat 950M Wheel Loader*

