

XLR POWERED PRECLEANER®

The world's only Powered Precleaning System



FOR ENGINES

XLR = eXtra Low Restriction



Custom Kit! • Cat 836K XLR x3 Installation • Sy-Klone Part# IN0113

Real World Performance:

Location: Topeka, Kansas

Machine: Caterpillar 836K Compactor

Environment: Landfill

Results: **Filter life was increased 16x more than the filter life without the XLRs.**

Before XLR installation:

Caterpillar 836K Compactor, running in a landfill, pushing and compacting daily loads of garbage, including "problem loads" of small shredded Styrofoam and pot ash. The Tier 4 machine design was very high in initial restriction, resulting in short filter life. Additional factors with the new Tier 4 machine design, including reduced scavenge flow and filter style, negatively affected the precleaner performance compared to the 836H model. With the factory installation, **average engine filter life was only 27 hours** over the first 5000 hours of machine usage.

After Triple XLR installation:

The XLR installation resulted in greatly reduced initial restriction. The filters were not changed until the machine engine filter change indicator light came on. The reduced initial restriction, coupled with the improved and consistent precleaner performance, **yielded 477 hours of filter life.**

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."

** Results may vary based on machine and environment.*

Results:

- **Filter life increased from an average of 29 hours to 477 hrs.**
- **Consistent precleaner performance – does not rely on engine or scavenge airflows.**
- **Greatly increased uptime.**
- **Reduced operating costs.**
- **Customer was completely satisfied.**

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