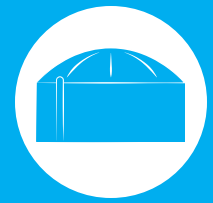


Qwik-Zyme L

Biocatalysts Speeding Anaerobic Degradation of Grease



Qwik-Zyme L incorporates multiple types of lipid degrading biocatalysts to provide dramatic hydrolysis of fat, oil, and grease (FOG). These catalysts speed the breakdown of complex fat molecules into simple short chain fatty acids that are quickly consumed by the native bacteria.

Hydrolysis of fats is often a rate-limiting step. Digesters that deal with high amounts of fats end up with grease caps or foaming in mechanical systems. Operators often report an improvement in volatile acid concentration within two weeks.



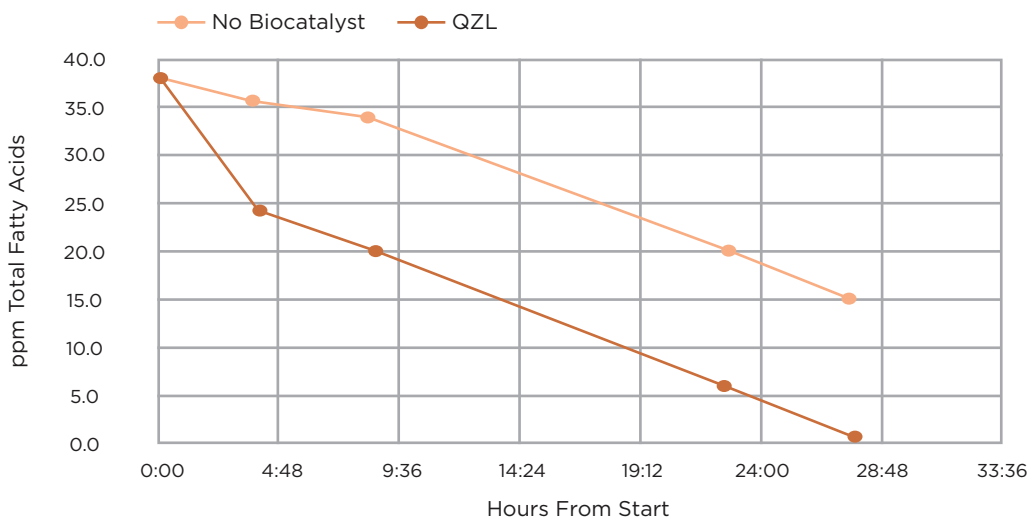
Improves
**VA:ALK
Ratio**

Ideal pH
6-9

Ideal Temperature
20-60°C

Figure 1:

Total fatty acid concentration in restaurant grease



Effects of Qwik-Zyme L catalysts on one type of common food waste FOG

*Ask your Technical Rep for a copy of the full independent study.



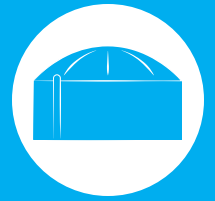
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Dose Rates

Qwik-Zyme L



Anaerobic Digester or Anaerobic Lagoon

Initial Dose	Maintenance Dose
5 gal per 500,000 gal tank volume	2.5 gal per 50,000 gal daily inflow

Qwik-Zyme L Dosing:

- Add daily to blend/feed pit, or directly to digester
- Can be metered in

Available Sizes:

- 5 gal case
- 55 gal drum
- 275 gal tote

Notes:

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