



## Grease Trap Treatment (Columbia)

**Grease Treat (GT)** is a professional-grade microbial blend designed for reliable fats, oils, and grease (FOG) removal in grease traps, lift stations, and wastewater systems. It contains high-CFU facultative anaerobic bacteria that thrive in low-pH, high-FOG environments where conventional wastewater microbes lose effectiveness.

GT strains are selected for high lipase and esterase activity and strong biosurfactant production, ensuring superior emulsification and faster FOG digestion. The formulation also digests volatile fatty acids (VFAs), reducing odors and limiting the food supply that drives hydrogen sulfide ( $H_2S$ ) and corrosion. These specialized microbes deliver consistent performance across food service, municipal, and industrial wastewater systems.

- **Enhances FOG Digestion:** High lipase, esterase, and biosurfactant activity accelerate fats, oils, and grease breakdown.
- **Reduces Odors:** Eliminates volatile fatty acids, hydrogen sulfide, mercaptans, and ammonia at the source.
- **Improves Operations:** Stabilizes organic conversion, strengthens floc formation, and boosts resilience during load swings.
- **Cuts Costs:** Lowers aeration demand, reduces sludge yield, and decreases chemical use.
- **Performs in Harsh Conditions:** Facultative anaerobes thrive in low-pH, high-FOG grease trap and lift station environments.
- **Available in** powder, liquid, block and tab formats.

**Treatment** - 1 GT tab/month, added at the inlet of the grease trap



Before - heavy grease buildup, residue accumulation, scum and malignant odors



After 3 months - clearer water with little grease accumulation, solids, scum and odors.