

# Bio-GEM®

## Grease Eliminating Microbes

**norweco®**

Engineering the future of water  
and wastewater treatment



Bio-Gem is a patented blend of cultured bacteria, aggressive enzymes and natural growth accelerators developed to effectively digest grease, fats and oils in wastewater treatment systems, lift stations, sand filters, drain lines and grease traps. Regular use of Norweco's Bio-Gem can reduce or eliminate costly line plugs, pump outs and municipal surcharges. Maintenance procedures that involve jetting of clogged lines or the use of harsh commercial degreasers often damage equipment and contaminate groundwater. Completely safe, effective and convenient to use, Norweco's Bio-Gem is a natural way to eliminate grease, fats and oils throughout your treatment system.

Bio-Gem is a patented Bio-Enzymatic product specifically formulated to digest grease, fats and oils in wastewater treatment systems, lift stations, sand filters, drain lines and commercial grease traps. When used as directed, Bio-Gem's bacterial action will quickly and effectively convert common grease, fats and oils into carbon dioxide and water. With regular applications, Bio-Gem eliminates odors, stabilizes effluent quality, significantly reduces system maintenance and minimizes costly tank pump outs.

The multifaceted treatment provided by Bio-Gem is achieved through the use of recently developed biological techniques that combine concentrated spore forming microorganisms, aggressive enzymes and natural growth accelerators into a stable, easy to use liquid. Norweco's three-fold formulation provides an advanced method of actually treating and eliminating grease, fats and oils instead of merely emulsifying them and sending the problem downstream.



(Continued on reverse)

## Features

- Environmentally safe when used as directed
- High bacteria count
- Multifaceted biological blend provides complete treatment
- Economical and easy to use
- Works in aerobic or anaerobic conditions
- Long term storage stability (2 to 4 years)
- Eliminates odors
- Fast acting
- Reduces maintenance and pumping frequency

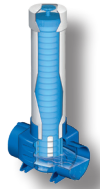
## Specifications

Bacteria Count	550 Billion/Gallon
Appearance	Blue Liquid
Fragrance	Herbal Scent
Type	Aerobic and Anaerobic Pathways
Form	Spore
Gram-Positive	100% (Salmonella and Shigella Free)
Standard Packaging	Gallon bottles (4-1 gallon bottles per case)
Shelf Life	2-4 years

## Application and Dosage

Bio-Gem is an easy to use concentrated liquid which can be dosed directly into the system. Application rates for Bio-Gem are dependent upon the type of system being treated, its condition and the flow through the system. Basic application rates for drain lines start at 10 to 12 oz. per day. For medium volume grease traps (65-200 cubic feet), a rate of 18 to 20 oz. per day is recommended. Lift stations, wet wells and wastewater treatment plants are dosed at the ration of 18 to 25 oz. per 10,000 gallons of flow. For severely fouled systems contact your local Bio-Gem distributor or Norweco, Inc. for the best application rate for your system.

**Bio-Dynamic®**  
**LF 1000**  
Tablet Feeder



**Bio-Sanitizer®**  
Disinfecting  
Tablets



**Bio-Neutralizer®**  
Dechlorination  
Tablets



**Blue Crystal®**  
Residential  
Disinfecting  
Tablets



**Bio-Perc®**  
Biological  
Remediation  
Tablets



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### *Progress Through Service Since 1906*

*We engineer, manufacture, install and maintain advanced water and wastewater treatment technologies for residential properties, communities and commercial properties that are not connected to sewer lines. Norweco treatment systems are in service all over the world.*

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