



HEATING OIL FUEL SYSTEM CARE

Oil furnaces are a safe, clean-burning, efficient alternative to gas and other fuel systems. Like its sister diesel fuel, **water is the leading cause of heating oil contamination** and wrecks havoc on home heating fuel systems, leaving homeowners in the cold with costly repairs.

Heating Oil absorbs H₂O from the environment, creating ideal conditions for naturally occurring fuel microbes to thrive and form sludge. This biomass, commonly referred to as "*algae*", "*fuel bugs*", or "*microbial slime*", settles at the bottom of the tank and causes significant system damage over time including tank and system component corrosion, clogged fuel filters and weakened fuel flow, which leads to reduced heating efficiency and ultimately system failure.

7 SIGNS OF CONTAMINATION

- 1 DISCOLORED or CLOUDY FUEL
- 2 FUEL TANK SEDIMENT
- 3 CLOGGED FILTERS
- 4 POOR COMBUSTION
- 5 REDUCED EFFICIENCY
- 6 HARD STARTS
- 7 FOUL ODOR

As temperatures dip below freezing 32° F (0° C), heating oil thickens and gels. Water contaminated fuel begins to freeze, causing ice crystals to form, preventing fuel flow leading to system failure.

PREVENTION & TREATMENT | AVOID A BURNER BREAKDOWN!



Store oil in a clean, well sealed fuel tank to minimize exposure to air and moisture.



Annually check the fuel tank for water and sediment buildup.



Control moisture and microbial growth with a fuel additive treatment program.

HOT SHOT

Heating Oil Treatment

- Totally Disperses Water
- Inhibits Corrosion
- Improves Cold Flow & Lubricity

● 16 OZ Treats 240 GL

ARTIC FLO

Cold Weather Performance Additive

- Prevents Gelling
- Improves Cold Flow & Lubricity
- Protects Fuel System

● 16 OZ Treats 250 GL

BIO-BLAST

Biocide Performance Additive

- Kills Algae, Bacteria & Fungi
- Inhibits Microbial Slime
- Protects Against Fuel Line & Filter Plugging

● 16 OZ Treats 1,280 GL

D-GEL

Emergency Cold Weather Performance Additive

- Reliquifies Gelled & Iced Fuel
- Deices Fuel Filters
- Improves Cold Flow
- Removes Water

● 16 OZ Treats 50 GL

PREVENTION

Treat tank with additive(s) before each tank fill.

	FUEL GELLING	FUEL ICING	FILTER PLUGGING	MICROBIAL GROWTH	TANK CORROSION
PREVENTION	●	●	● ●	● ●	●
TREATMENT	●	●	●	● ●	

TREATMENT

For existing contamination issues & emergencies



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E-ZOIL Home Heating Oil Additives



B70-16

H15-16

F10-16

D20-16

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