



# Premium Heating Oil

Most domestic heating boilers lose efficiency between services.

Our Premium Heating oil provides... enhanced boiler efficiency, and a cleaner burn;

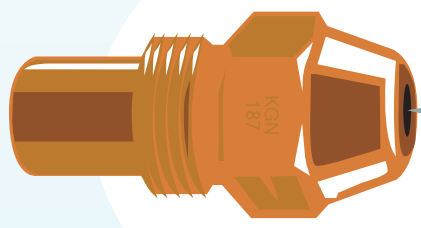
The best quality fuel for our customers!



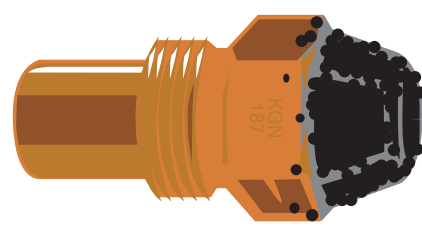
- Lowers carbon & sludge build-up
- Inhibits deposits forming when heated
- Keeps fuel fresher for longer
- Reduces boiler service problems
- Prevents rust inside your boiler
- Produces less harmful CO2 gases

## Our Premium Heating Oil;

This is how Premium Heating Oil improves the efficiency of Pressure Jet Boilers.



**Clean nozzle**  
Better combustion efficiency = lower CO & CO2



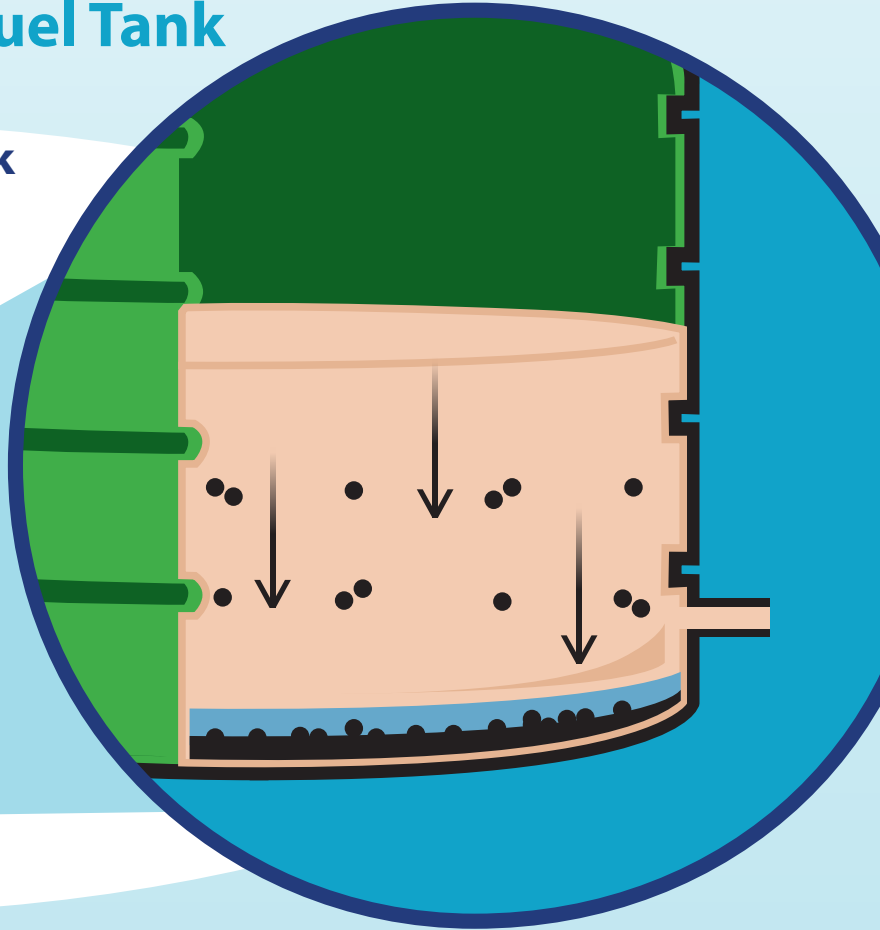
**Dirty nozzle**  
Poor combustion efficiency = higher CO & CO2



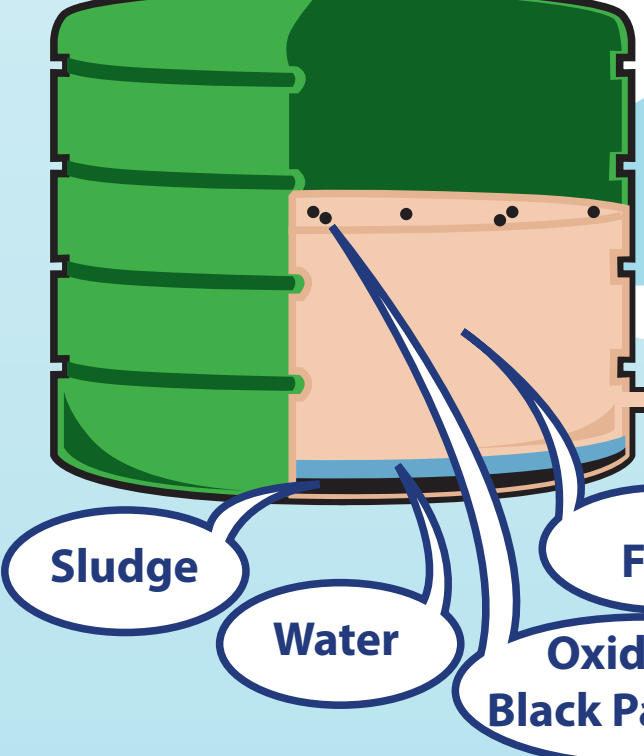
Inside your boiler, fuel is pressured through a tiny hole in the end nozzle across a flame. The heat is transferred onto a heat exchanger, which gives us our heat. On a clean nozzle the oil turns into a fine spray, giving better combustion, higher efficiency and lower CO2. After only a few weeks, deposits can build up on the nozzle, reducing the spray's width. Premium Heating Oil will reduce the carbon build up, maintaining your boiler's efficiency.

## The Science in Your Fuel Tank

Over time with heat from sunlight, the fuel in your tank reacts with oxygen in the air to form very small black particles. The larger, heavier particles fall to the bottom of your tank. Over a few months they grow to form sludge, which is difficult to remove.



Over the years, the sludge will build up. Upon re-filling a near empty tank, the sludge may be stirred up, blocking in the line filters.

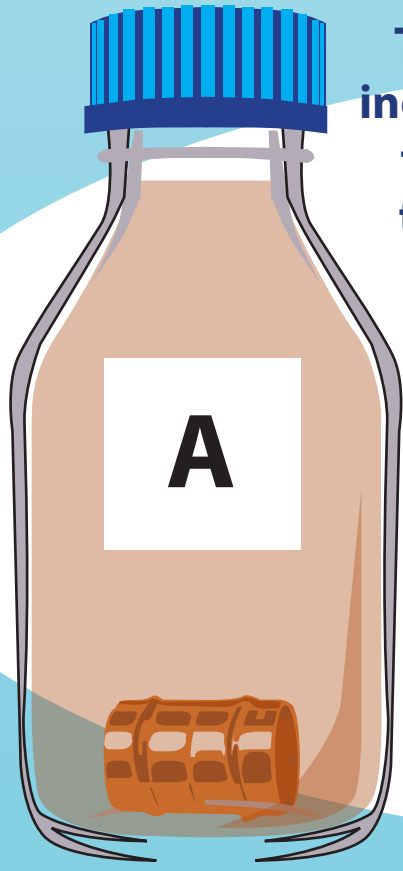


## Premium Heating Oil

Reduces fuel-related breakdowns and boiler service problems

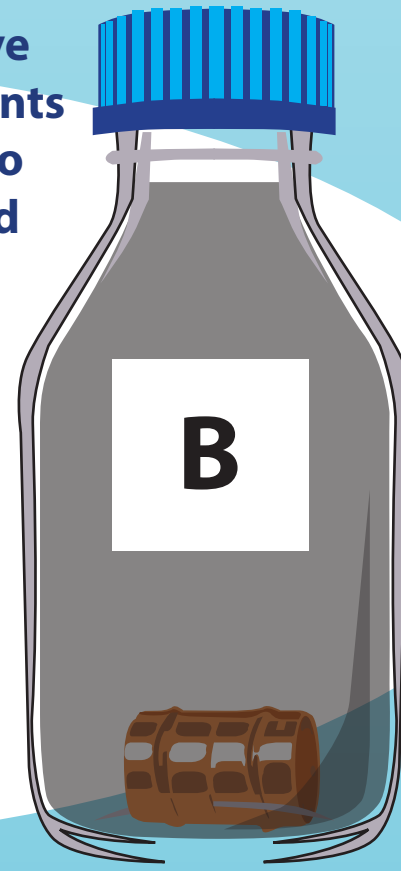


Keeps your fuel fresher for longer:



The new fuel has a number of active ingredients; anti-oxidants, dispersants that ensure the smaller deposits go through the nozzle & are burnt and detergents that will dramatically reduce sludge formation.

Premium Heating Oil uses corrosion inhibitors that stops rust. It also uses metal deactivators that are designed to reduce fuel degradation (caused by the interaction with metals in fuel systems).



Heating oil will darken and degrade over time, when in contact with the copper lines in heating oil systems.

Image represents (A) Premium Heating Oil (B) Kerosene - sealed over a month with a submerged piece of copper

Premium Heating Oil avoids deposit & sludge problems that regularly occur in boiler systems e.g.  
-Partially blocked burners  
-Clogged pipes & filters  
-Dirty heat exchangers

I have significantly helped the environment by using Premium Heating Oil and...  
-It more than pays for itself  
-Can be used immediately  
-Helps maintain the boiler system

Avoiding these problems promotes a greater system operating efficiency that lowers fuel consumption

## Premium Heating Oil

Lower Carbon Emissions Cycle

The trees we already have can help absorb CO2 from other sources and make our environment that little bit cleaner

Lower fuel consumed means nearly half a tonne less CO2 emitted per house every year

Lower CO2 emissions means up to 18 fewer trees/year are needed to absorb it