

PENNSYLVANIA & APGAR OIL & ENERGY PROTECTING OUR FUTURE



Pennsylvania is making the switch to a **CLEANER, GREENER** energy source: ultra-low sulfur heating oil (**ULSHO**).

Ultra-Low Sulfur Heating Oil = Cleaner Heating Equipment

Compared to traditional heating oil



Soot Produced*

*Source: Oilheat Manufacturers Association

OVER 90% LESS

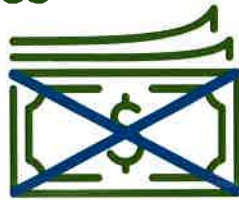
Ash Buildup**

**Source: Brookhaven National Laboratory

No Added Cost, No New Equipment Upgrades

No conversion necessary!

Existing Oil Systems **CAN USE ULSHO**

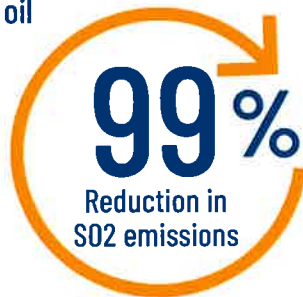


Less Pollution

Compared to traditional heating oil

97% Less airborne emissions

UP TO **30%** Less NOx emissions



Source: Brookhaven National Laboratory

What Is Ultra-Low Sulfur Heating Oil (ULSHO)?

Sulfur content in parts per million (ppm)

HEATING OIL DELIVERED IN 2015 WAS

2,000 PPM

VS

ULSHO DELIVERED IN 2020 WILL BE

15 PPM

Lower sulfur content ppm (parts per million) means fewer emissions released into the atmosphere.

99% Less sulfur than high-sulfur heating oil

Greater Savings

With ULSHO in your tank



SERVICE COST SAVINGS ADD UP

A cleaner burn causes less boiler buildup, which means less frequent service from your HVAC technician.

Reduced need for service cleaning =

HOUSEHOLD COST SAVINGS



DECREASED HEATING BILLS
Cleaner-burning fuel

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