



FUEL CATALYST

FUEL TREATMENT

SAME HEAT - LESS FUEL

Fitch For Residential & Commercial Heating Systems



Patent Protected

For more info:

888-881-2774 or

860-985-8585



Made in USA

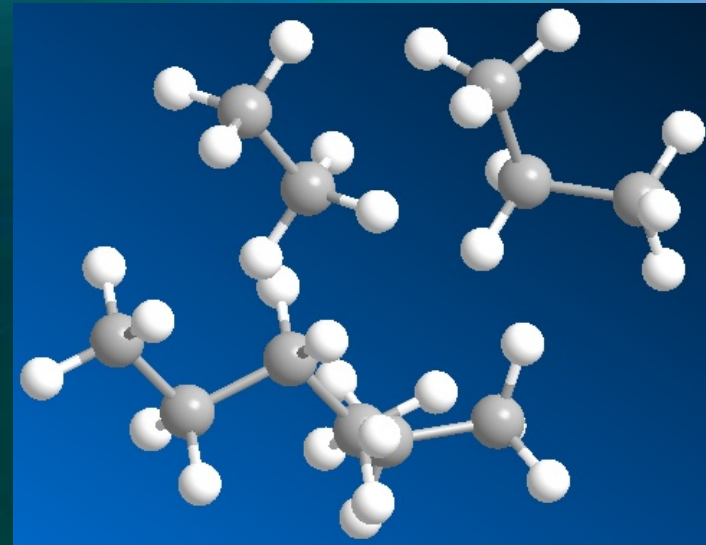
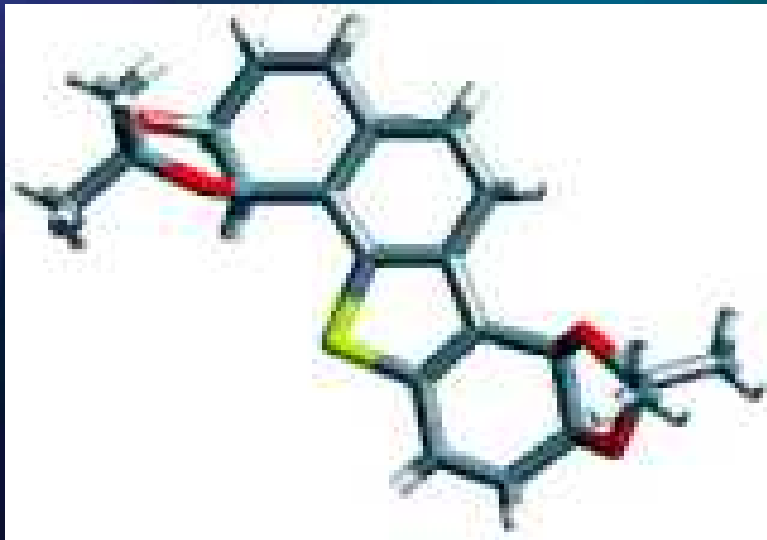


FUEL CATALYST

FUEL TREATMENT

What does Fitch do to Heating Oil?

- Reduces the concentration of Aromatics
- Increases the concentration of Aliphatics
- Releases more inherent btus heat energy





FUEL CATALYST

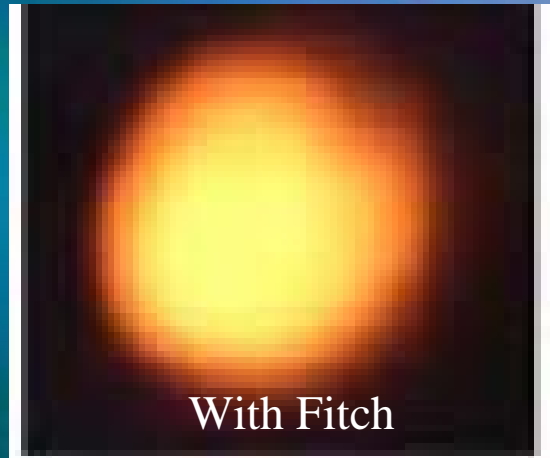
FUEL TREATMENT

Fitch Treated Fuel Produces More Complete Combustion



w/o Fitch

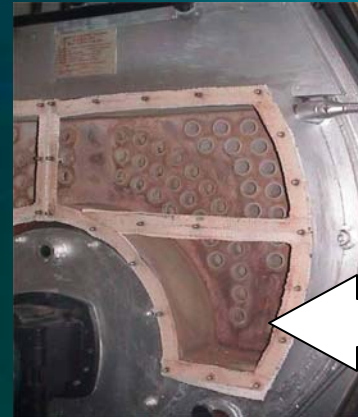
Visibly brighter flame
More efficient combustion



With Fitch



w/o Fitch



Visible reduction
of Soot

w/Fitch



FUEL CATALYST

FUEL TREATMENT

Fitch Increases Stack Temperature
allowing the reduction of nozzle size

Boiler/Furnace	Burner	Town	Nozzle Start	Nozzle End	Percent
American Standard Boiler	Beckett	Guilford	1.25	.85	32%
Biasi Boiler	Beckett	Guilford	.85	.65	24%
Bryant Warm Air	Beckett	North Guilford	.85	.65	24%
Buderus Boiler	Carlin	Guilford	.85	.75	12%
Nursery Warm Air	Carlin	Clinton	2.00	1.65	17%
Nursery Warm Air	Carlin	Clinton	1.75	1.25	28%

AVERAGE FUEL SAVINGS + 22.8%

Towns We Serve: Guilford, Madison, Clinton, Branford, North Guilford, North Madison, North Branford, Killingworth and Westbrook.

FITCH - SAME HEAT - LESS FUEL



FUEL CATALYST

FUEL TREATMENT

- Use Less Fuel (reduce nozzle size)
- Improve Combustion Efficiency
- Reduce Soot & CO₂ (GHG)
- Reduce Overall Boiler Maintenance



Increased stack temperature allows the nozzle reduction





FUEL CATALYST

FUEL TREATMENT

Fitch Installation on Home Heating Unit

Must be installed by a licensed burner technician





FUEL CATALYST

FUEL TREATMENT

UL Approved Fitch Fuel Catalyst HO Series

UP

HO-5UL

Fitch[®]

FUEL CATALYST

Maintenance-Free Fuel Reformer for Oil Heat Systems
#6 oil or lighter

60 PSI, 240 F Max

UL LISTED 37YC

Advanced Power Systems Int'l Inc. Made in USA & Patent Protected
www.fitchfuelcatalyst.com

UL LISTED 37YC

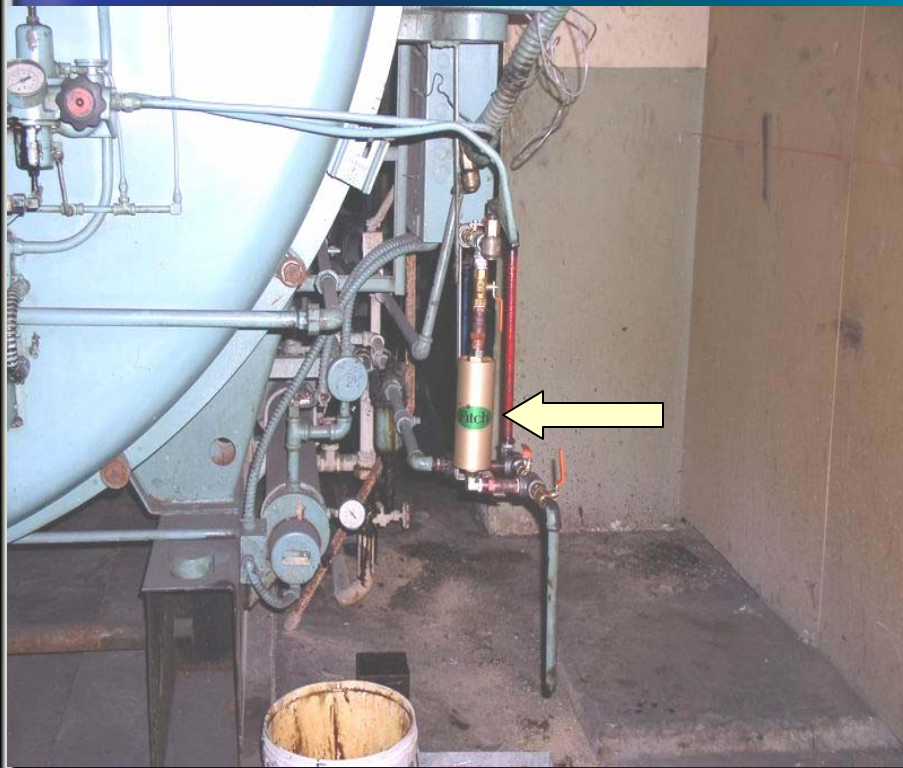


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Commercial Boiler Application

6.5 Ton Cleaver Brooks





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New York City Housing Authority

Boiler: Johnson PFTX-350-31LG15S

Burner: Johnson FD69CA400LM

Results: 5% Reduction in Fuel Consumption

Reduction in Emissions – CO 98%, NOx 15%

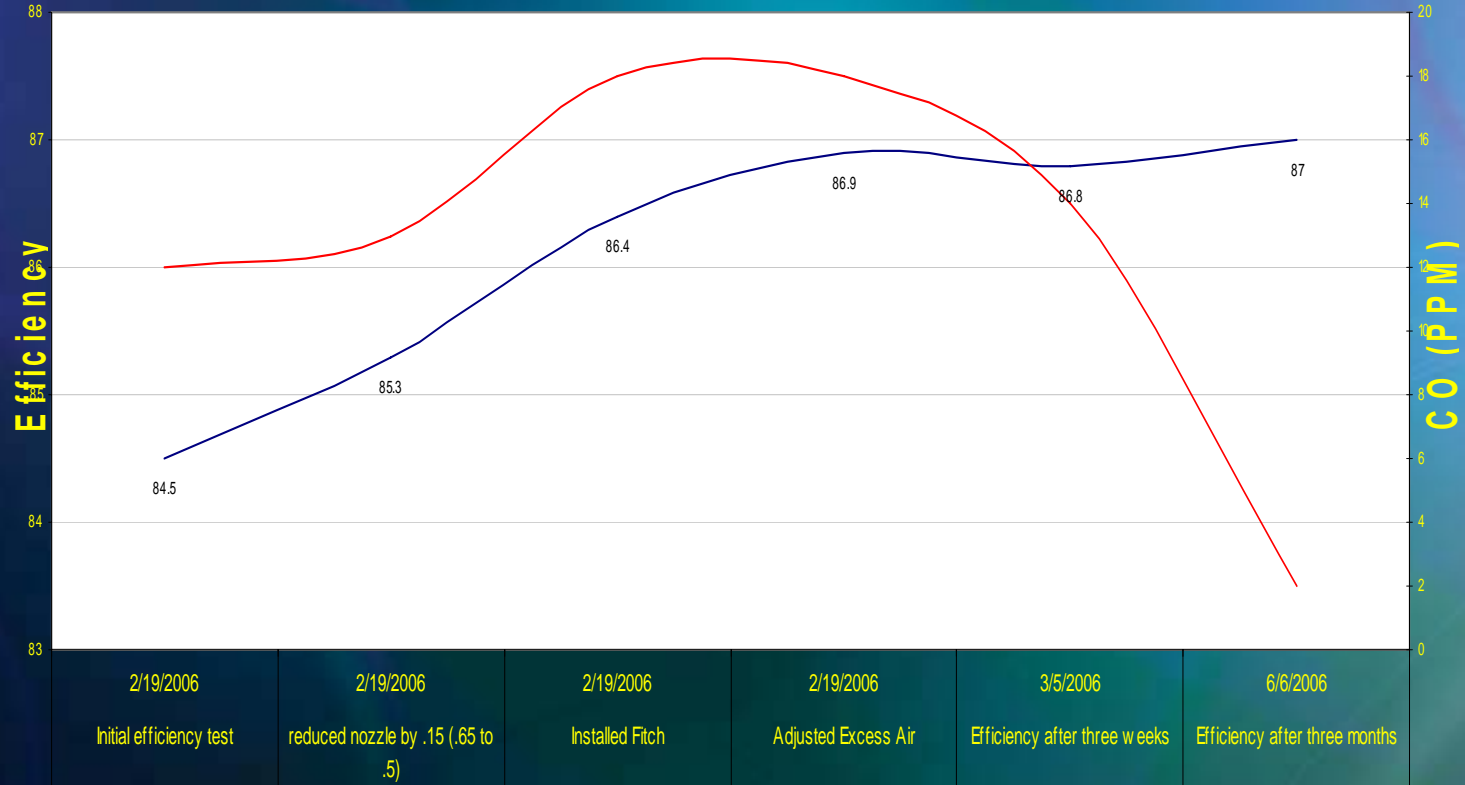
Increase efficiency: 1.2%



FUEL CATALYST

FUEL TREATMENT

Hse 334 (Furnace) - Average Efficiency





FUEL CATALYST

FUEL TREATMENT

Sofitel Seminyak Bali



Accor Hotels & Resorts

Boiler: 2 x 1 ton Boiler Plant

Test Period: 5 Month Test

Results: 22% Fuel Consumption Reduction



FUEL CATALYST

FUEL TREATMENT



Grand Hyatt – Hyatt Resort

Reported: **20.38%** fuel consumption reduction

“The Stack Temperatures have decreased, the Smoke Emissions have cleared and the internal sooting levels are only at a fraction of the levels previously experienced”



FUEL CATALYST

FUEL TREATMENT



Hotels Using Fitch

Results: **27%** Fuel Consumption Reduction



As a part of the Mandarin Oriental Manila energy savings initiative, Davies Energy System has introduced "Fitch fuel catalyst" on our diesel-fired boilers. Initial payback period was calculated at 2.6 months. It gives me immense pleasure to confirm that we had a payback in 2 months time. This is particularly encouraging not only in terms of fuel costs but also the catalyst usage assists in better fuel combustion, thereby decreasing the carbon soot on the fire tube of the boiler emitting less undesirable gases from fuel composition.