

B-Series Waste Oil



The Ultimate Answer to Used Oil Disposal Challenges

We purchased our first B-Series Boiler (B-500) 12 years ago and quickly saw the difference in efficiency and ease of cleaning. Now we have five B-Series Boilers (including two B-500s and three B-1000s). It's one tough Boiler.

Randy, Technician
Zeremba's Equipment
Gaylord, MI

Our Alternate Heating Systems, Inc. Waste-Oil Boiler was installed in 1988 (28 years). We recycle about 7,000 gallons of used oil (annually) from our fast lube business and have no cost for conventional fuel (natural gas).

Craig Bailey, Co-owner
Total Lube, Inc
Waynesboro, PA

In the eight years I have been taking care of our B500 boiler, it has required almost no maintenance. It was installed in 1990. That's a long life!

Dwayne, Technician
Rain Tunnel Carwash
Chambersburg, PA



Double Savings - Fast Payback!

Heat your facility and generate hot water without cost, eliminating the liability and expense of contracted off-site disposal. Onsite recycling is the preferred method of avoiding liability and reusing energy to enhance your bottom line.



B1000

Sizes

B300	300,000 BTU/Hr Output
B500	500,000 BTU/Hr Output
B1000	Nearly 1,000,000 BTU/Hr Output

Make use of:

- Crankcase oil
- Gear oil
- Transmission fluid
- Hydraulic fluid
- Fuel oil
- Vegetable oil
- And MORE!

Alternate Heating Systems

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www.alternateheatingsystems.com

ASME H-Stamp
Certified Boiler
Option



B-Series Waste Oil

"Our Alternate Heating Systems, Inc. waste oil boiler was installed in 1988. We recycle about 7,000 gallons of used oil (annually) from our fast lube business and have no cost for conventional fuel."

Craig Bailey, Co-owner
Total Lube, Inc.
Waynesboro, PA

"Our used oil boiler paid for itself in 4 months of use. The 300,000 BTU/H boiler delivers more hot water than our existing 1MM BTU/H gasfired hot water heater."

Ed Cline,
County Line Quarry
Wrightsville, PA

Turn Waste into \$\$

Your B-Series waste oil boiler will allow you to dispose of waste oil while eliminating the possibility of water polluting spills. One quart of waste oil can pollute 250,000 gallons of water, and cleanup is nearly impossible. Recover value from this waste product by providing heat and hot water to your business! Enhance your bottom line with an Alternate Heating waste oil boiler that will give you decades of service.



Some Great Use Cases:

The B-Series waste oil system has been effectively used by auto dealerships like Bill Brown Ford in Livonia Michigan. Other applications include:

- Greenhouses
- Trucking companies
- Quick lube shops
- Truck and car washes
- Auto repair facilities
- Farm Shops



Unique Characteristics of Used Oil

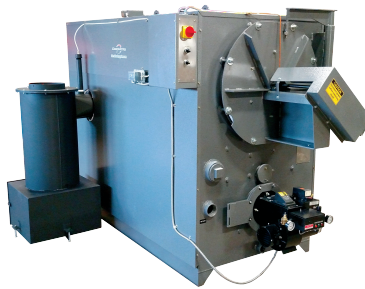
Used oil contains suspended solids. When this oil is burned, these solids can add significantly to soot buildup on heat exchange surfaces. That accumulation produces adverse effects. The powerful induced draft featured on the AHS B-Series waste oil boiler, combined with our cyclone ash separator, provides self scrubbing action within the heat exchanger to reduce or prevent soot buildup.

Prevent soot buildup

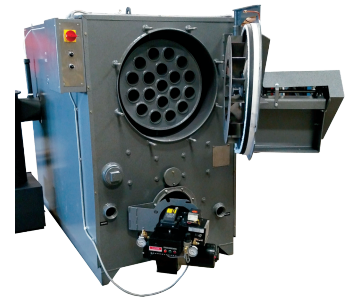
Reduce or eliminate soot buildup typical in competitors' waste oil boilers and maintain high efficiency while reducing cleaning and service requirements.



The B-Series is equipped with a large access door for easy, routine cleaning and maintenance.



The B-Series features a refractory lined, extra large combustion chamber, and a heat exchanger engineered for optimal efficiency and heat transfer.



Both the induction fan assembly and burner assembly swing out for easy cleaning and maintenance.



Ceramic lining and the Target Plate offer protection and high heat of combustion.



The Cyclone Ash Separator combined with induced draft maintains self-cleaning action while removing fly ash from exhaust.

- Onsite recycling is the preferred method to avoid liability, reuse energy and enhance your bottom line
- We can build a custom machine for your unique requirements
- Each machine carries a 5-year warranty against defects in materials and workmanship
- Built by dedicated craftsmen in Harrisonville, PA, USA

Time is the best friend of Truth

B-Series Waste Oil



Specifications

MODEL	B300	B500	B500M	B1000
Net BTUH	300,000	500,000	705,000	990,000
Gross BTUH	345,000	575,000	850,000	990,000
Heating surface fireside				
Furnace volume (cu ft)	7	13	13	26
Minimum relief valve capacity	854,000	1,428,000	1,428,000	3,080,000
Firing rate U.S. gal/hr	2.5	4.0	6.0	8.0
Water volume	185	245	245	340
Minimum Compressed Air Required	10 CFM @ 30 PSI for all models			
Standard electrical rating	110 V, 60 Hz, 20 A	220 V, 60 Hz, 15 A	220 V, 60 Hz, 20 A	220 V, 60 Hz, 25 A
Circuit protection	Single Phase 20 A	Double Phase 20 A	Double Phase 25 A	Double Phase 30 A
Flue dimensions, inches	6	8	8	8
Length	60"	72"	72"	96"
Width	32"	34"	34"	42"
Width with cyclone	51"	58"	58"	70"
Height	46"	54"	54'	71"
Shipping weight, lbs	1,700	2,600	2,700	5,000

Specifications subject to change without notice

Limited Warranty

Alternate Heating Systems waste oil boilers carry a 5 year limited warranty. A copy of the complete warranty text, detailing coverage, limitations, warranty claim procedure and state law rights is available from Alternate Heating Systems.



Alternate Heating Systems manufactures alternative fuel burning heating equipment and sells (primarily direct) throughout the US, Canada, and internationally. Call us today for purchase inquiry, or to schedule a tour of our facilities, visit our showroom, and see a working demonstration of any boiler models.

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Harrisonville, PA 17228

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