



HERO  TM
Bx FUEL FOR HUMANITY

PENNSYLVANIA • NEW HAMPSHIRE • ALABAMA • IOWA
WWW.HEROBX.COM

MEETS THE EPA'S
DEFINITION AS
AN ADVANCED
BIOFUEL UNDER
THE RENEWABLE
FUEL STANDARD.

THE PLANTS

With over a decade of biodiesel production experience, HERO BX is committed to the highest quality biodiesel each time, every time. HERO BX operates production facilities in Erie, Pennsylvania; Moundville, Alabama; Clinton, Iowa; and a Bioheat blending terminal in North Hampton, New Hampshire. HERO BX also currently has a tolling agreement with Iowa Renewable Energy in Washington, IA. HERO BX serves millions of consumers throughout the Midwest and Northeast corridor. The plants close proximity to densely populated US cities, has proven advantageous over competing domestic manufactures.

- **Erie, PA** Capacity is 50 million gallons annually
- **Moundville, AL** Capacity is 20 million gallons annually
- **Clinton, IA** Capacity is 10 million gallons annually
- **Iowa Renewable Energy** Capacity 30 million gallons annually

North Hampton, NH Terminal

Storage Capacity 40,000 gallons of biodiesel + 150,000 gallons of diesel fuel

THE PRODUCTS

Biodiesel is the first and only commercial-scale fuel produced across the U.S. to meet the EPA's definition as an Advanced Biofuel under the Renewable Fuel Standard. It is a renewable, clean-burning diesel replacement that is reducing U.S. dependence on imported oil, creating green jobs and improving our environment. The HERO BX product line features HBX-1000, HBX-3000 and HBX-4000 Heating Oil. With over 400 million gallons consumed, all HERO BX products have been widely accepted and offer the following benefits:

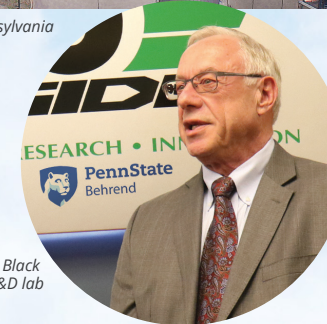
- Proven field performance, in all climates, when employed for diesel engine applications
- Proven field performance when administered in residential heating oil applications
- Renewable Fuel Standard Compliant
- Q RIN Certified by Weaver
- BQ 9000 Producer
- ASTM D6751 Certified

TRANSPORTATION AND LOGISTICS

In addition to retaining one of the largest dedicated biodiesel railcar fleets in the US, HERO BX also offers clients the option to transport products by tanker truck. Our strategic relationship with reliable railroad companies and over the road freight carriers allows HERO BX to distribute products quickly, efficiently, and safely throughout North America.

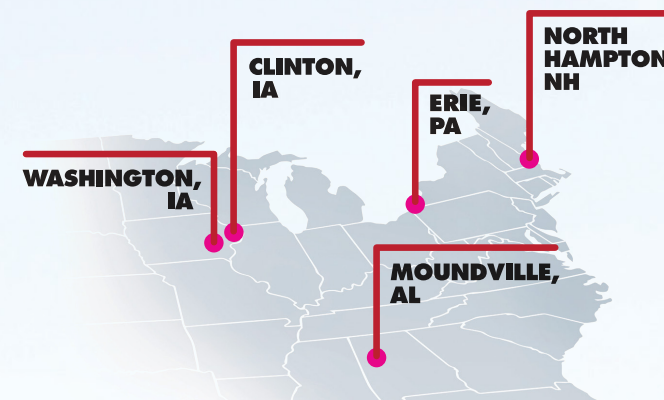


The Hero BX Facility in Erie, Pennsylvania



Founder Samuel Pat Black III at the Hero BX R&D lab

5 FACILITIES
WITH
A CAPACITY OF
110 MILLION GALLONS
PER YEAR



Four plants and one terminal serve regional demand

VALUE IN VOLUME

With annual refining capacity at over 110 million gallons, HERO BX is one of the largest biodiesel producers in the United States. By spreading its biodiesel expertise over four plants, the company capitalizes on operational efficiencies and economies of scale.

VALUE IN QUALITY

The HERO BX manufacturing plants are supported by innovative technical staff and ultra-modern laboratories, equipped to test and certify that HERO BX biodiesel meets strict quality standards set forth by its clients. HERO BX is an accredited BQ 9000 Producer, a quality system program designed to promote the commercial success and public acceptance of biodiesel and to assure that biodiesel fuel is produced to maintain and exceed the industry standard, ASTM D6751. HERO BX participates in EPA's Quality Assurance Plan (QAP) across all facilities, assuring that obligated parties receive RINs that have been properly generated and are valid for Renewable Fuels Standard compliance purposes.

VALUE IN COSTS

HERO BX cost control strategies encompass processing technology experience, energy minimization, and raw material management, resulting in the production of outstanding products that are marketed at a competitive price.

FACTS ABOUT HERO BX

With a vision to help revitalize Erie's rich manufacturing heritage, Samuel Pat Black III founded HERO BX in 2005. It was his ideology to build a company that would create meaningful jobs, spur technological innovation, and produce eco-friendly products. Today, HERO BX is one of the United States leading biodiesel refiners, creating innovative jobs and manufacturing fuels that help satisfy the country's thirst for alternative energy.

RESEARCH & DEVELOPMENT

In 2018, HERO BX opened a Research and Development Lab at Penn State University. The lab is located at Knowledge Park in the Advanced Manufacturing and Innovation Center (AMIC). The HERO BX laboratory advances the company's efforts to diversify and develop biodiesel products for new markets, while utilizing the skills of Penn State Behrend students in industry-driven research. One of the first initiatives is to realize a way to reduce the sulfur content of raw materials, or feedstocks, used in biodiesel production to diminish the fuel's pollutants even further. Subsequent studies will focus on increasing the efficiency of biodiesel in cold temperature applications such as the airline industry.



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