

MIDWEST SERVICE CENTER

The Midwest Service Center is fully equipped to support the service, repair, and overhaul requirements of our customers, wherever their operations are in the world.

34,000 ft²

Brands:  CLYDEUNION® PUMPS |  COPES-VULCAN® |  PLENTY®



Get in touch
(269) 966-4782

About Us

Our Midwest (Kalamazoo) Service Center, located in the state-of-the-art MidLink facility since 2022, is designed to provide exceptional aftermarket services, including re-rates, hydraulic and mechanical upgrades, standard repairs, and duplicate manufacturing. Our team comprises seasoned experts with decades of experience, supported by young, dynamic talent.

We specialize in reciprocating, positive displacement, and between-bearing multi-stage pumps. From our legacy models to competitor units, we deliver high-quality repairs and maintenance. With strong engineering and reliable supply chain partners, we ensure fast turnaround – even for complex jobs – while maintaining exceptional service and product standards.

Core Services

We offer drop-in duplicates for all OEMs, including steam and pneumatic pumps. Our expertise spans BB3/BB5 pumps and HF Alky service. With in-house welding, heat treatment, and dynamic balancing, we deliver API 610 testing and complete packaging. We also provide mechanical upgrades, hydraulic re-rates, polymer wear parts, reverse engineering, failure analysis, scanning, and SolidWorks modelling.

Focused on between-bearing pumps, we deliver rapid emergency repairs. Our facility features 36" & 76" VTLs, 3" & 5" HBMs, 3 lathes, 3 VMs, a horizontal CNC, and a vertical assembly pit – plus hydro testing, welding, and paint capabilities.

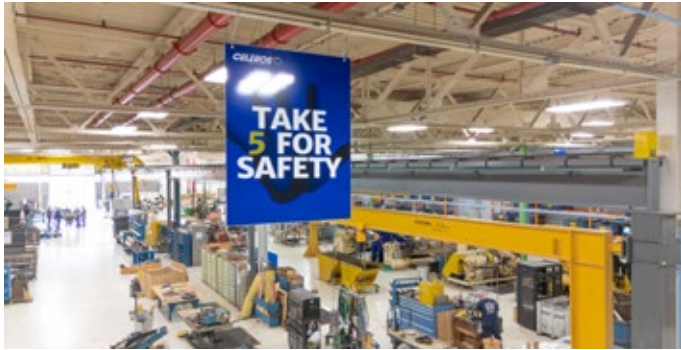
 +1 (269) 966-4782

 3433 Midlink Drive, Kalamazoo, Michigan, 49048

 www.celerosft.com/locations/midwest

HISTORY & LEGACY

Our Midwest Service Center traces its roots back to 1885 with the founding of Union Steam Company, originally known for steam pumps and engines for trains and ships. The company supported major efforts, including U.S. government contracts during World War II. Over time, it evolved through acquisitions, becoming part of ClydeUnion Pumps and later Celeros Flow Technology. Today, we honor that legacy while embracing modern innovation under the Celeros FT name.



CASE STUDY

Client: Major Midwest refinery in northern Illinois, USA

Location: Joliet, Illinois

Application: Vacuum Tower Bottoms – Crude Unit

Challenge

A Midwest refinery's original Pacific HVC pumps (installed in 1970) were experiencing severe reliability issues under high temperature (690°F) and low NPSHA conditions. Frequent failures due to vibration, bearing and seal issues, and thermal distortion led to high maintenance costs (\$80–85K per failure) and limited throughput.

Solution

Engineered a custom “drop-in” replacement pump (8x10x14A HOL) with: increased capacity (2,700 gpm rated, 3,300 gpm BEP), upgraded bearing housing with 360° support, enhanced impeller design for improved NPSHR, heavy-duty casing, larger shaft, and improved cooling and sealing systems.

Results

45% increase in throughput, extended MTBF and reduced maintenance, cost-effective installation using existing infrastructure, awarded contract for 2 pumps valued at \$440,000.

