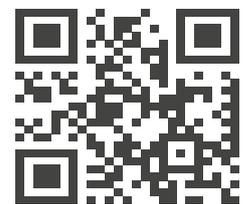


# HEPI

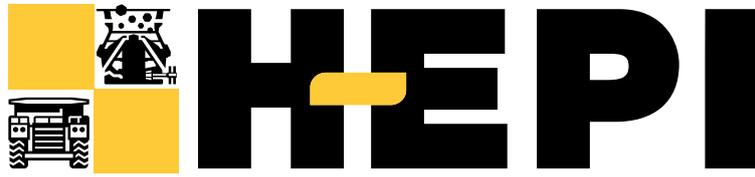
Mining Solutions



## MINING SOLUTIONS OVERVIEW



[WWW.HEPI.COM](http://WWW.HEPI.COM)



## WHY HEPI?

HEPI is a global leader in providing remanufactured parts, components, and comprehensive solutions for the mining and heavy equipment industries. Our commitment to customer success is rooted in our three pillars of value, guiding everything we do:



**Customer-Centric  
Excellence**



**Innovative Precision  
Unmatched Quality**



**Optimized Total Cost  
of Ownership**

## OUR SOLUTIONS

### MOBILE MINING SOLUTIONS

Complete Drivetrain Solutions for Mining Equipment

### FIXED PLANT PROCESSING

Crusher Liner Development, Parts, and Wear Products

### COOLING SOLUTIONS

Cooling System Applications, Remanufacturing Services, and Engineering Innovation

### DOM-EX

Used and Rebuilt Component, Parts and Services for Mining Equipment

**40+  
Multi-Use  
Facilities  
Across Seven  
Countries, Six  
Engineering  
Centers**

# SERVICE EXCHANGE



HEPI's Service Exchange Program reduces downtime by delivering critical components with minimal lead time—backed by a robust global inventory, strategically distributed across our operating regions, of ready-to-ship, remanufactured components built to OEM specifications. For select components like wheel groups, customers can also opt for HEPI-enhanced service exchange units designed to improve performance and durability. Whether through rapid exchange or flexible repair-and-return options, we ensure your fleets stay productive with fewer interruptions.

With proven success supporting mining operations worldwide, our lifecycle capabilities cover all major OEMs, with deep expertise in Komatsu and CAT fleets. We also support Liebherr equipment, dozers, wheel loaders, and graders, ensuring complete coverage across your operation.



## HEPI, TAILORED TO YOU

### Tailored Purchasing Solutions:

We offer flexible purchasing options—including Service Exchange, Outright Purchase, Repair & Return, Parts Inventory, and Aftermarket parts to align with your operational and budget needs.

### HEPI Enhancements:

HEPI enhancements offer engineered solutions expertly designed to meet or exceed your performance and durability needs.

### Customer-Centric Support:

Dedicated maintenance planning support helps you stay ahead of repairs and avoid costly delays.



# HEPI

Mining Solutions

# COMPLETE DRIVETRAIN SOLUTIONS

As a global supplier of competitive replacement parts and aftermarket services to the mining and construction industries, we lower our customer's maintenance costs by combining quality parts and rebuild solutions that:

- Extend the life of components and machinery.
- Increase our customer's competitive advantage by reducing costs and maintenance life.
- Offer our customer a tailored suite of remanufactured, new and reconditioned solutions.

## ENGINES

HEPI delivers world-class diesel engine remanufacturing across Australia—restoring performance, improving reliability, and reducing operating costs.

## COOLING SYSTEMS

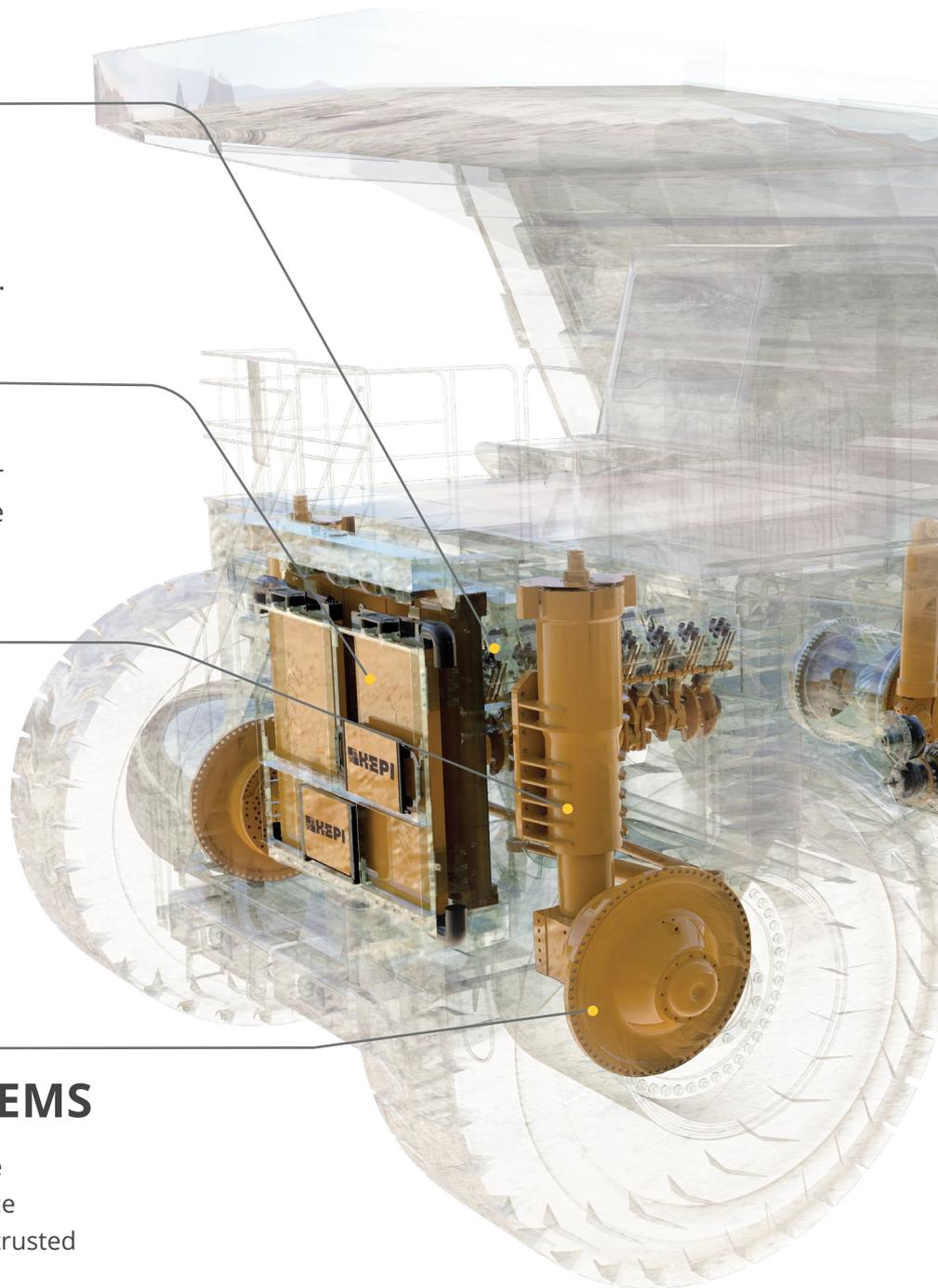
HEPI Cooling Solutions delivers high performance heat transfer solutions for demanding applications across multiple industries.

## FRONT/REAR SUSPENSIONS

Suspensions are thoroughly inspected, repaired, and remanufactured to HEPI engineering specifications using proprietary tooling and processes—ensuring quick turnaround and long-life performance.

## WHEEL GROUPS & FRONT CORNER SYSTEMS

HEPI Enhanced, innovative technologies are proven to extend component life and reduce costs, backed by a strong track record and trusted engineering.



## TRANSMISSIONS, TORQUE CONVERTERS, & DIFFERENTIALS

HEPIs specialized facilities remanufacture industrial transmissions, torque converters, and differentials with precision and expertise.

## PIN SOLUTIONS & UPGRADES

HEPI offers standard pins for select trucks, as well as HEPI Enhanced colleted pins to replace rear suspension, A-frame, and control rod pins.

## IMPROVED PERFORMANCE THROUGH INNOVATIVE ENGINEERING

HEPI specializes in remanufacturing and enhancing wheel groups for CAT and Komatsu mining equipment.

Our HEPI Enhanced technologies include the proprietary Control Fit wheel bearing system—featuring a flexible spacer and hardened spacer, with proprietary custom bearing design and specifications, bearing fits, and preload adjustment. We also apply advanced contamination control with isolation seals, guards, and kits to extend service life.

Additional capabilities include custom gear design and manufacturing. Every innovation is built to improve performance, reduce cost per hour, and minimize downtime.



Want to learn more about what HEPIs drivetrain solutions can do for your operations?  
Scan the QR code now to watch our Mobile Mining 3D animation.



HEPI Enhanced wheel groups are the result of decades of continuous innovation—engineered to deliver longer life, easier maintenance, and improved performance. Each unit comes standard with a range of proven design advancements.

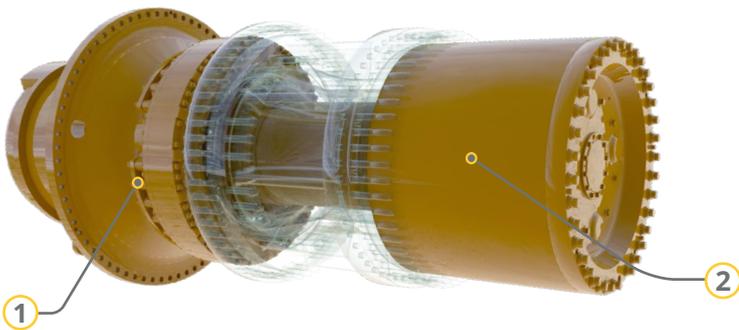
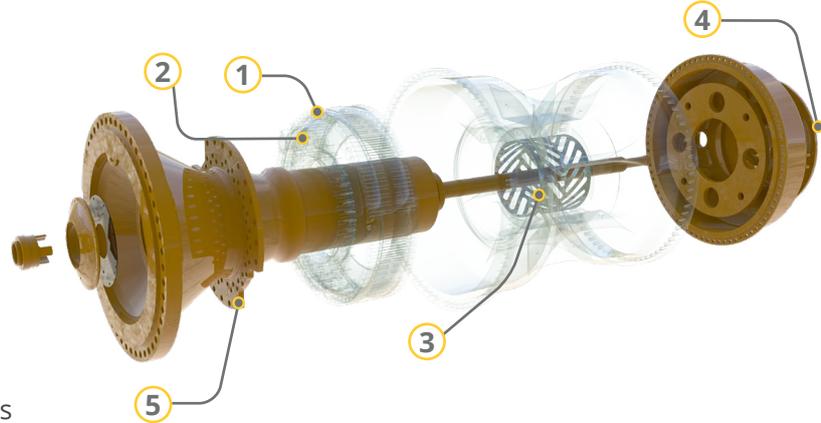
- **Long Life Friction Discs:** Carbon-based material offers exceptional heat resistance and dissipation, extending brake life and reducing maintenance. Designed to align brake wear with the lifespan of bearings and gears.
- **Control Fit Spacer:** Maintains optimal bearing preload for extended bearing life. The flexible and hardened spacers create consistent clamp force, preventing cone rotation and reducing spindle wear.
- **Bearing Design & Specifications:** HEPI bearings offer premium durability with clean steel, low-friction finishes, debris-resistant coatings, textured rollers, and optimized crowning for even load distribution.



- **Contamination Guard:** Designed for rear wheel groups, this system uses strong magnets and a dual-plate labyrinth to filter wear debris, ensuring cleaner oil, less wear, and longer life at high speeds.
- **Isolation Seal:** Three sealed axle compartments prevent cross-contamination, contain failures, protect the driveline, and enable precise diagnostics via section-specific oil sampling.
- **Gear Design & Manufacture:** Gears feature crowning and optimized tooth tip/root profiles to prevent interference and maximize load contact, with performance and capacity engineered using proprietary in-house software.
- **Hardened Spacer:** Splined to the spindle for stability, this supports the outer bearing cone and uses an anti-fretting surface to reduce wear, contamination, and extend bearing life.

## CAT REAR WHEEL GROUPS

- 1 **HEPI brake components** provide high performance and long lasting life
- 2 **HEPI Brake Wear Gauge** provides fast & easy brake wear management, prevents oil spills, and reduces downtime while improving safety.
- 3 **HEPI Control Fit System** extends wheel group component life, maintains wheel bearing preload for the entire component life, and lengthens maintenance cycles
- 4 **HEPI Enhanced Plugs (BEST Plugs)** facilitate rapid magnetic plug monitoring without oil spills and reduces truck down time.
- 5 **Engineered repairs and remanufacturing** of major components keep rebuilds economical while providing excellent reliability.

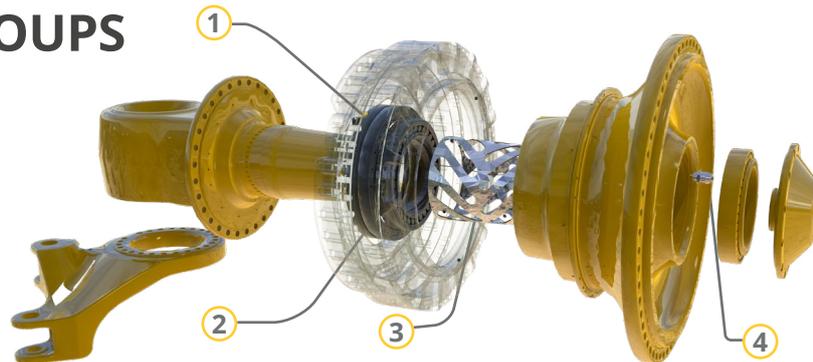


## KOMATSU REAR WHEEL GROUPS

- 1 **Proprietary Parts** provide improved service life and performance
- 2 **Engineered Repairs** to major components provide excellent reliability.

## ENHANCED FRONT WHEEL GROUPS

- 1 **Innovative Sealing** solutions for longer life
- 2 **High Quality & Proprietary Bearings** for improved performance
- 3 **HEPI Control Fit System** includes custom bearings, flexible spacer, and proprietary hub and spindle repair process
- 4 **HEPI Enhanced Plugs (BEST Plugs)** and oil sampling plugs for spill-free condition monitoring



## ENHANCED FRONT CORNER SYSTEMS

- 1 **Proprietary Engineering** standards of major components keep remanufacturing costs economical



HEPI Cooling products are designed to prevent costly machine breakdowns caused by ineffective or inappropriate cooling systems. By providing high-quality, application-specific solutions, we help customers achieve lower maintenance costs, increased uptime, and improved productivity. HEPI Cooling™ systems ensure longer machine life expectancy, enhanced efficiency, and reduced fuel consumption. With a focus on innovative engineering, including Mesabi-style systems and fully customized solutions, our dedicated team uses in-house software and modeling to continuously develop and improve our products.



## THE HEPI-COOLING DIFFERENCE

- High-quality cooling systems that reduce overheating and extend machine life expectancy
- Improved machine performance through increased efficiency and reduced fuel consumption
- Comprehensive service capabilities, including recoring, overhauls, and repairs
- Rigorous testing ensures reliability, including submerged test bath air pressurization and complete traceability



HEPI provides world-class industrial diesel re-manufacturing services to the mining, stationary power, and oil & gas industries. Our dedication to quality and precision ensures that every one of our diesel re-builds runs like new.

Key reconditioning services include balancing, honing, Magnaflux/crack testing, engine testing, precision deck machining, matched cylinder packs, fully machined blocks, and balanced crankshafts to improve performance and engine life. Every engine is guaranteed to work like new and deliver a long, dependable life.

## EXCEPTIONAL RELIABILITY

- We provide unmatched precision with fully machined components, dynamic balancing, and extensive dyno testing to ensure every engine performs like new and delivers exceptional reliability.
- We also offer a broad range of service exchange units that are dyno-tested and pressure-tested to OEM specifications.



## CYLINDERS

HEPI specializes in inspecting, repairing, and remanufacturing hoist and steering cylinders to withstand the toughest conditions. Our proprietary tooling and processes deliver fast turnarounds and dependable rebuilds that extend equipment life. Every cylinder is rigorously tested to meet the highest quality standards. We also offer a range of additional services, including:

- Chrome Plating
- Surface Finish Analysis
- Grinding & Polishing
- Machining & Fabrication
- HVOF (High Velocity Oxygen Fuel)
- Failure Analysis
- Alternative Coating Solutions
- Assembly & Testing



## FRONT/REAR SUSPENSIONS

HEPI's Front and Rear Suspensions are designed to keep your mobile mining equipment operating at peak performance. With expertise spanning CAT and Komatsu models, HEPI provides solutions trusted by customers worldwide. Key features include:

- Extended Lifespan
- Available In-House Chrome Plating
- Proprietary Tooling & Repair Procedures
- Flexible Solutions

## DIFFERENTIALS, TRANSMISSIONS, & TORQUE CONVERTERS

At HEPI, we specialize in the inspection, repair, and remanufacturing of differentials, torque converters, and transmissions. Our rigorous processes and proprietary tooling ensure every component is rebuilt to the highest standards, delivering unparalleled reliability and longevity. Each differential undergoes:

- Detailed condition reporting for complete transparency
- Independent crack testing by certified experts to guarantee structural integrity
- Rebuild and setup using proprietary procedures for optimal performance



# BRAKE SUPPLY - A HEPI COMPANY



## HYDRAULIC CYLINDERS

With decades of expertise, Brake Supply rebuilds 5,000–6,000 hydraulic cylinders annually, ensuring a successful rebuild every time. We disassemble, inspect, and rebuild each cylinder to meet or exceed OEM standards. Advanced CNC-honing, computerized pressure testing, and precision craftsmanship deliver peak performance and durability.

## FINAL DRIVES & WET BRAKES

Brake Supply delivers high-quality remanufactured Final Drives and Wet Brakes for loaders, haul trucks, and dozers. Built for superior performance and durability, our components meet or exceed OEM standards—offering a reliable alternative to OEM repairs. With a large inventory ready to ship, we help keep your equipment running with minimal downtime.



## TRANSMISSIONS & TORQUE CONVERTERS

Brake Supply's transmission and torque converter rebuild services provide a faster, more cost-effective alternative to traditional OEM options. Our Evansville, Indiana facility features an advanced AIDCO 900 dynamometer—one of the few in the industry outside of OEMs—capable of testing even the largest transmissions, such as those used in CAT 793 haul trucks.

## COMPLETE ROLLOUTS

Brake Supply provides complete axle assemblies, allowing you to make better use of your mechanics' hours. These assemblies are only available through Brake Supply and are not offered by your local heavy equipment dealer.





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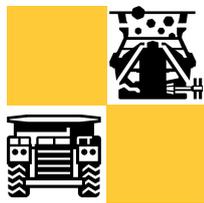
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# Global Locations Local Support



# HEPI



Mining Solutions

Cooling Solutions

Dom-Ex

Crushing Solutions

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Contact Us Today!



HEPI replacement parts are compatible with the makes and/or models of the third-party equipment described. HEPI is not an authorized repair facility of these third parties and it does not have an affiliation with any manufacturers of these third-party products. All brands, original equipment manufacturer (OEM) part numbers or references are owned by the respective OEM entities or their affiliates. These terms are used by HEPI for identification and cross reference purposes only and are not intended to indicate affiliation with, or approval by the OEM, of HEPI or its products.