

HEPI ENHANCEMENTS PROLONG LIFE OF 930E FRONT CORNER

CASE STUDY

Location | Wyoming, USA

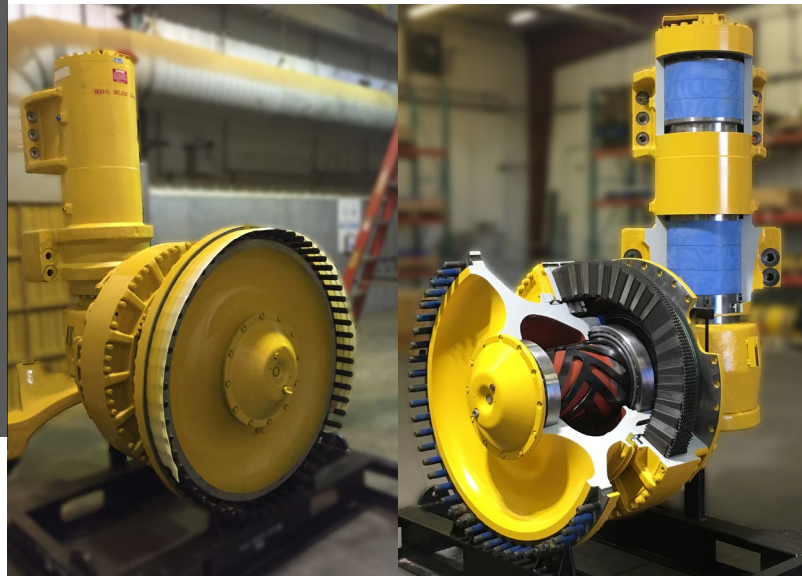
Application | 930E haul truck

Product | HEPI Enhanced Front Corner



HEPI

Mining Solutions



OVERVIEW

H-E Part International (HEPI) provides innovative solutions for the entire drivetrain, specializing in the remanufacture of major mobile equipment components, and offers industry leading, proprietary product enhancements that deliver extended life, ease of maintenance, and superior performance.

SITUATION

A customer in Wyoming, United States approached HEPI in need of longer service life on their fleet of 930E trucks. They were experiencing early fatigue life in their wheel groups and searching for a solution to increase their asset life. With the customer's front corners averaging less than 10,000 service hours, they needed an enhanced solution to increase their uptime and boost productivity.

SOLUTION

After examining the cores, our engineering team agreed upon a plan to rebuild them and increase their service life using HEPI's proprietary technology. The following enhancements lead to increased life for the 930E front wheel groups:

- **Isolated Wheel Bearing Compartment:** Allows the wheel bearings to be lubricated by approved wheel bearing oil.
- **The HEPI Control Fit wheel Bearing System:** Includes flexible spacer, hardened spacer, custom bearing design and specifications, and preload adjustments.
- **HEPI Contamination Control:** Includes isolation seals, contamination guards, and contamination kits.

RESULTS

After successful upgrades, the customer's HEPI enhanced front corners lasted an average of over 33,000 service hours.

230%

INCREASE
in service hours

33,000

MORE HOURS
10,000 service hours
to 33,000+ hours after
HEPI enhancements



Web :
www.h-parts.com



LinkedIn :
[linkedin.com/company/h-e-parts-international](https://www.linkedin.com/company/h-e-parts-international)



Facebook :
<https://www.facebook.com/hepartsinternational>

H-E Parts International replacement parts are compatible with the makes and/or models of the third-party equipment described. H-E Parts International 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 H-E Parts International for identification and cross reference purposes only and are not intended to indicate affiliation with, or approval by the OEM, of H-E Parts International or its products.