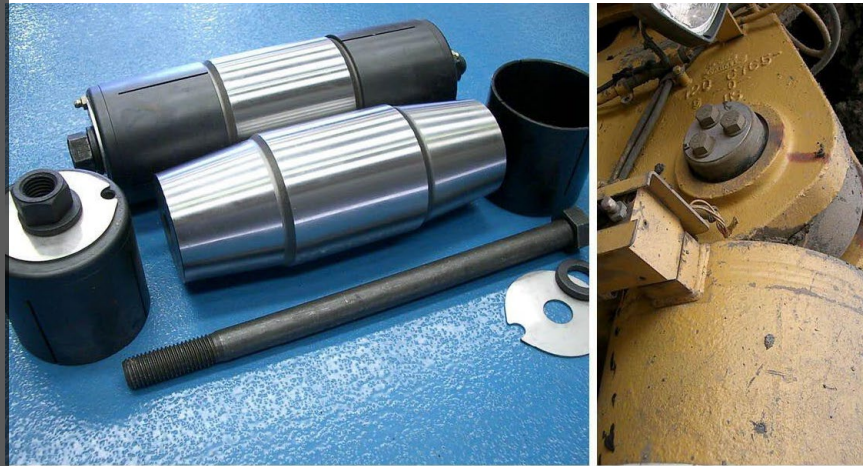


CRITICAL FAILURES IN OEM DESIGN LEADS TO INNOVATIVE SOLUTION

CASE STUDY

Location | Queensland, AU
Application | Komatsu 930E
Product | HEPI Colleted Pins



OVERVIEW

H-E Parts International provides solutions for the entire powertrain, specializing in the remanufacture of major mobile mining equipment components, and offers industry leading proprietary solutions. H-E Parts enhanced design features deliver extended life, ease of maintenance, and superior Performance.

SITUATION

A customer in the Australia was experiencing issues with suspension pins used across their fleet. The pins were seizing into the chassis and spherical bearings of the suspension cylinders, requiring thermal lancing for removal and subsequent line boring for repairing the damage caused by thermal lancing. This presented the customer with increased safety risks, costly maintenance, and extended downtime.

SOLUTION

After testing H-E Parts colleted pins in conjunction with traditional OEM pins, the customer was impressed by the extended life and ease of installation and extraction. The customer experienced a significant reduction in downtime due to H-E Parts colleted pins eliminating the need to remove the rear wheels.

H-E Parts colleted pins are designed to be corrosion resistant, easy to install and remove, maintenance free, reusable, and overall safer and more efficient than normal pins. Based on these benefits and improvements to the product, the customer chose to convert their entire fleet to H-E Parts colleted pins.

RESULTS

Switching their entire fleet to H-E Parts colleted pins, the customer quoted downtime savings of 12+ hours per suspension cylinder change, and noted improved safety due to not having to remove tires or perform lancing to remove seized pins.

12+ Hours

DOWNTIME SAVINGS

Per suspension cylinder change and improved safety