

6060 HD Undercarriage

Better Tramability



Customer Focus

- Improve mobility
- Increase reliability and durability
- Reduce maintenance downtime

Site Application

Machine: Cat® 6060 Hydraulic Mining Shovel

Current UC System: Cat 512-0710, 512-0711, 465-8431, 492-5517, and 477-7938

Commodity: Gold

Digging Conditions: Moderate abrasion, moderate impact

Caterpillar Solution

Cat Heavy Duty (HD) Undercarriage (Cat 512-0710, 512-0711, 465-8431, 492-5517, and 477-7938)

Results:

- Extended tramability
- Improved reliability and performance



Track Bushings at 4,500 hours

“You guys did a good thing upgrading that machine. No doubt about it.”

A customer in the western United States bought a 6060 Heavy Duty (HD) undercarriage system to address issues with their former undercarriage. The rollers had overheating and breakage issues and the grease injectors would periodically clog. They had two sets of track on the machine. With the bushed track, they had experienced bushing breakage and inconsistent pitch extension on their unbushed track pads.

Their experience with the HD system was much different. After 9,148 hours and 14.5% tramming, the rollers were maintenance-free. One manager commented that they no longer have to watch the rollers. The track pitch was wearing evenly and they had experienced no broken bushings. The only maintenance issue with the system was a leaking idler, which was easily replaced.

Overall, the customer was pleased with its performance. They said, “It’s held up. It’s the only machine that can do the job.”

Disclaimer: The opinions and product performance information included in this document were provided by the customer and do not represent or imply a warranty or guarantee of any kind. The performance of CAT products will vary and be affected by a number of factors that are outside the control of CATERPILLAR, including site location, machine make and model, installation procedures, material conditions, operating procedures and conditions, wear and tear, and maintenance practices.

PEHJ0645-01
www.cat.com

© 2019 Caterpillar • All Rights Reserved • Printed in USA
CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

