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
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.”