

6060 HD Rollers

No Cool-down Required



Customer Focus

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

Site Application

Machine: Cat® 6060 Hydraulic Mining Shovel

Current UC System: Cat 477-7938, 512-0710, 512-0711, 492-5517, 465-8431, and 457-9635

Commodity: Molybdenum

Digging Conditions: Moderate abrasion, moderate impact

Caterpillar Solution

Cat Heavy Duty (HD) Undercarriage System

Results:

- Extended tramability
- Improved reliability and performance
- Reduced maintenance downtime



“It’s doing everything you told us it would do.”

A customer in the western United States was unhappy with their roller performance on their 6060 machine, experiencing roller overheating during tramming. They had also bought reworked rollers from a local company, but they started failing at 2000 hours.

The customer tried the 6060 HD rollers as a solution to their issues. They ran the HD rollers for 12,379 hours with 6% tramming and had no issues. Their overheating issue was solved.

The customer was so pleased with their experience with the HD rollers that they bought a full 6060 HD system for the shovel. The full HD undercarriage system has over 7000 hours with no issues. The dealer site manager said, “It’s doing everything you told us it would do.”

Since the cool-down on the rollers during tramming is no longer required, the mine has saved about 740 hours of lost production over the 10,400 hours of the HD roller life so far, which equates to a savings of \$4.4 million for this mine.

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