

# 6060 HD Tracks

Bushings for Life



## Customer Focus

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

## Site Application

**Machine:** Cat® 6060 Hydraulic Mining Shovel

**Current UC System:** Hybrid Cat Legacy/HD track

**Commodity:** Gold

**Digging Conditions:** Moderate abrasion, moderate impact

## Caterpillar Solution

Cat 512-0710/512-0711 Heavy Duty (HD) Track

## Results:

- Extended track life
- Improved reliability
- Reduced maintenance downtime



**“Only 10%-  
20% pitch  
extension  
in 13,000  
hours.”**

A gold mine in Mexico was looking for improvements to their 6060 track joints. Using the Legacy HMS track design, the flange on the bushing cracked, which required additional maintenance on the tracks.

The customer tried the new 6060 HD tracks with high interference, straight bushings. During May 2019, the customer performed inspection of the tracks at 13,000 hours. The bushing had remained in place without any movement. The pitch extension measured between 10% and 20%, so the track is projected to last past the 20,000-hour track life.

The customer has not performed any maintenance on the bushings or tracks during the 13,000 hours. They have been able to focus their attention on other mining activities. Each maintenance hour saved this mine \$85,000 in downtime.

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