

## ASGCO®'s Dual Skalper® Primary Belt Cleaners Solve Major Carry-Back Problems at a Canadian Smelter Complex Nickel Mine

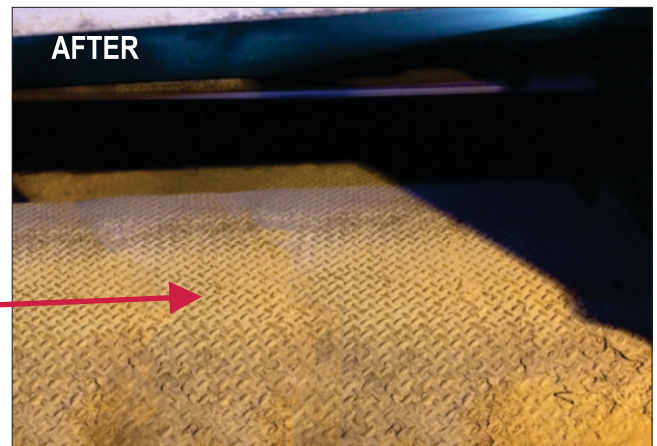
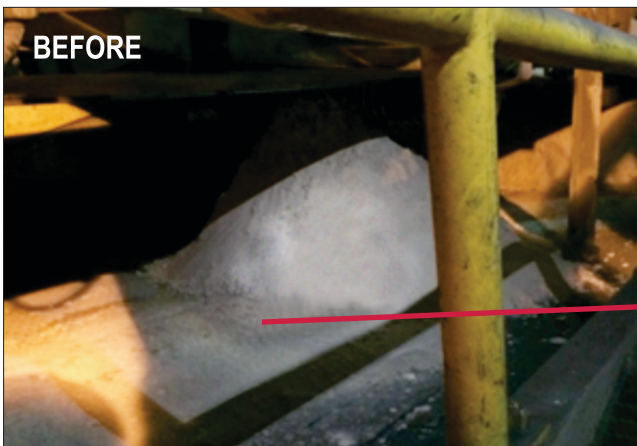
**Industry:** Smelter Complex, Nickel Mine  
**Application:** 36" Sand Belt Conveyor  
**Product:** ASGCO® Skalper® Primary Belt Cleaners  
**Objective:** To remove the sticky carry-back and prevent it from falling off at various points causing major housekeeping problems.

### Challenge:

The conveyor belt adds the sand to the process for extracting the precious metals. All ore from any of their sites has to pass through this filter plant at some point. This sand belt has become a major problem due to the carry-back issues. The sand is very "STICKY" and therefore very hard to clean. Also there is limited space within the head chute preventing them from using a secondary cleaner. They were currently using a competitor's pre-cleaner and also an Air Knife. These were not working and a lot of "Man Hours" were being spent shoveling the carry-back material back onto the belt.

### Solutions:

After we addressed the carry-back and space limitation issues, we recommended installing dual Skalper® primary belt cleaners to solve the problem. The Skalper® primary belt cleaners with E-Z Torque® tensioners are easily maintained from one side of the conveyor and are self-adjusting making it ideal in an area where there are frame restrictions.



Dual Skalper®  
Primary Belt Cleaners

### Results:

The customer is extremely pleased with the results. Their "nightmare" housekeeping issue is resolved. This has led to an increase in production with less man-hours spent shoveling the sticky carry-back, which in turn has led to better overall morale and safety.

### Skalper® Belt Pre-Cleaners:

- Patented siped self-sharpening blades
- All 304 stainless steel mounting system & tensioner
- Rubber corrugated dust covers
- UHMW Bushings
- MSHA accepted

