



CEMENT QUARRY AND CONSTRUCTION MATERIALS

Case Study – Bruno’s Contracting Industry: Cement Quarry and Construction Materials

Problem: Premature failure of chains due to contamination from cement and quarry materials. Chain would repeatedly seize and bind causing chain and motor failures.

Effect: Cost company down time to clean and repair chains and gearing. Cost money replacing chain prematurely as well as the down time associated with the replacement. Aggravation of ongoing hassle with the same problem. Also was costing money putting an ineffective chain lube on the affected chain.

Recommendation: After detailing the problem, it was recommended to the customer to apply Krown KL-FSM Extreme Duty Chain Lube.

Result: After applying KL-FSM to the chain the customer reported enhanced wear resistance in the chain and guide rollers, no ongoing cleanup requirement on gears, lower maintenance cost, less down time, longer chain life and lower energy consumption due to smoother running of chain.

Cost Saving:

- Extended Chain Life: \$2325.00
- Eliminated Maintenance Cost: \$100.00 (2 hours@\$50/hour)
- Lower product cost: \$876.00/year
- Reduced downtime: \$15,000.00 production (2 hours)

Total Cost Saving: \$18301.00