

**Proven savings
with LiftTech**

Coil grab repair and engineering upgrade

Rotating coil grabs in a steel mill application were being removed from the facility for repair work after an average of 12 weeks in service. Each repair cycle kept the grabs out of inventory for 16 weeks at an average cost of \$37,000 per repair.

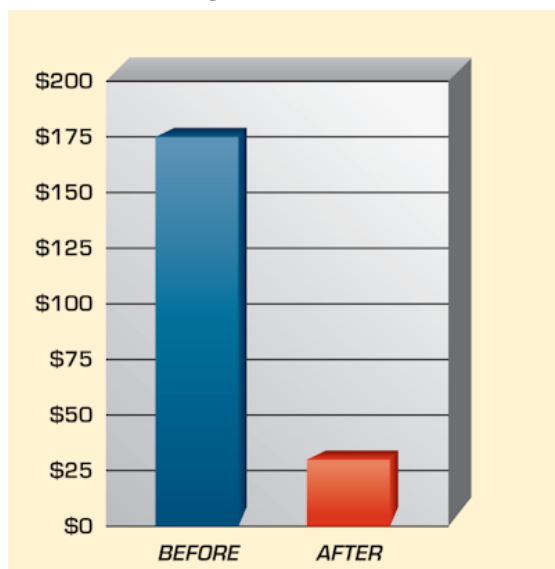
The LiftTrax® Inspection Program included a review of the application as well as repair procedures for maintenance planning purposes. The review prompted the recommendation for the utilization of a flex coupling to reduce wear, which lead to a significant increase in service life. Coupled with new repair procedures, the average service cycle for the grabs was extended to as much as 32 weeks.

Units that may have been out of service 4 to 5 times per year now require service twice per year, or less. The turnaround for repairs was reduced to one-third of the previous time, and the cost per repair was cut in half.

By extending service cycles and reducing costs per repair, the new maintenance program saves an average of \$144,000 annually for each grab. Extended through the first three years of the program over all 15 coil grabs in service, reductions in maintenance costs contributed \$6.5 million to the bottom line of the mill's operation.



Average Annual Cost



	Service Life	Turnaround	Annual Cost
Before	10 - 12 weeks	16 - 18 weeks	\$174,909
After	28 - 32 weeks	6 - 8 weeks	\$30,628
Total savings			
15 coil grabs over 3 years			\$6,492,645