

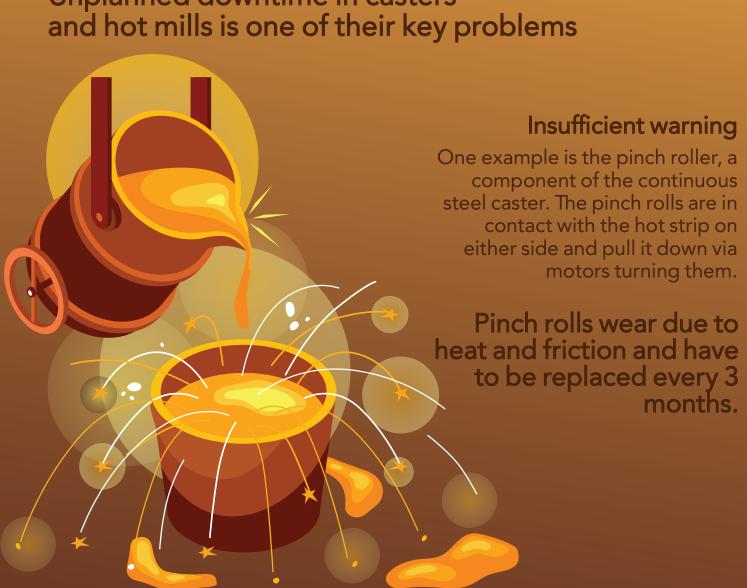
How Falkonry Helped Predict Failures & Avoid Downtime.

Continuous steel caster fails

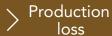
Continuous vertical casting process has a number of areas:

- Restarting casting
- Slab mold
- Cooling segment
- Straightener
- Slab cutter
- Oscillator

Unplanned downtime in casters













Higher expense





On average, the cost of downtime is \$12,000 per hour per line.

That is more than \$1.7 million in lost production per year.

Unplanned downtime of casters and hot mills alone can cause a loss of more than 6 days every year per steel production line



Using Falkonry Operational Al software, a steelmaker was able to analyze data from multiple sources to identify patterns and provide alerts 7 days before a pinch roll fails.



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