

# Predictive Maintenance Dashboard

10K

Total Machines

339

Total Failures

0.03

Failure Rate

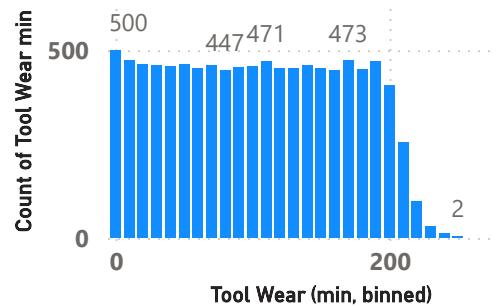
39.99

Avg Torque

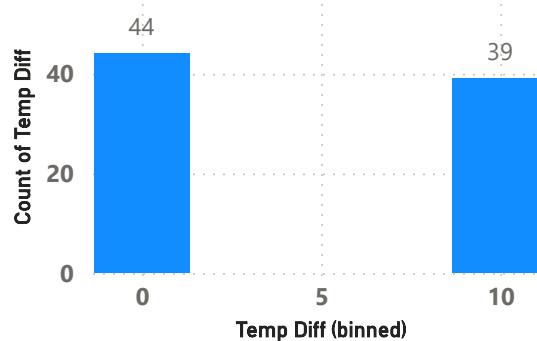
107.95

Avg Tool Wear

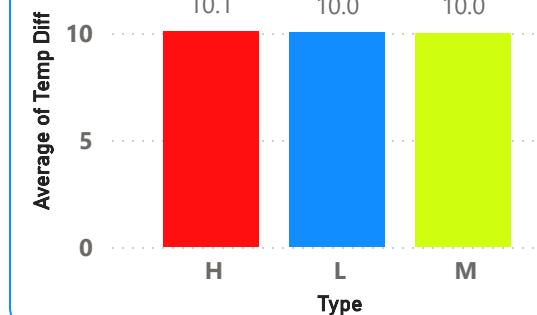
Tool Wear Levels Across All Machines



Temperature Variation Distribution



Average of Temp Diff by Type



Tool Wear Level

- High
- Low
- Medium

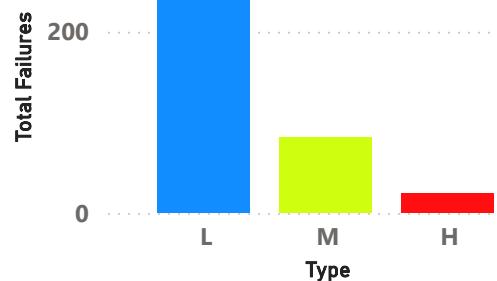
Failure Flag

- 0
- 1

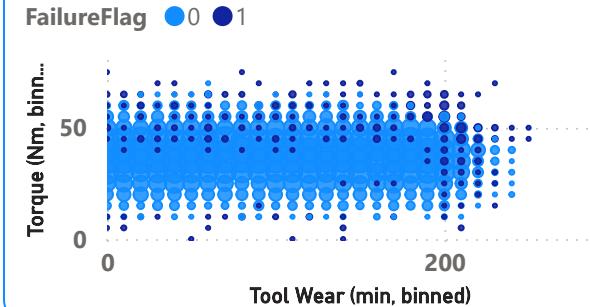
Type

- H
- L
- M

Total Failures by Type



Failure Hotspots by Tool Wear and Torque



## Summary Insights

**Type L machines** show the highest failure rate. Failures primarily occur when **tool wear exceeds 220 minutes**, and the **torque exceeds 40 Nm**. Machines with **low tool wear levels** rarely fail.