

Chemical Equipment Parameter Report

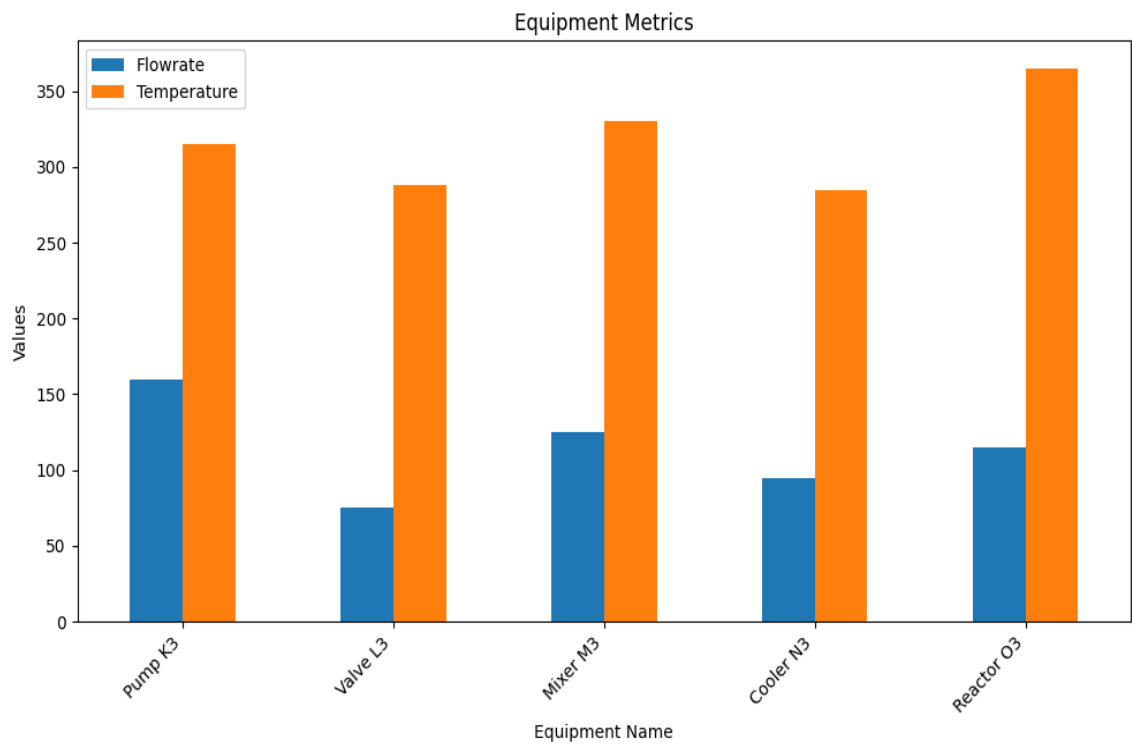
Report generated on: 2025-11-13 21:26:56
Dataset ID: 7
File Name: sample_equipment_data_3.csv

Total Equipment Count: 5
Average Flowrate: **114.00**
Average Pressure: **5.40**
Average Temperature: **316.60**

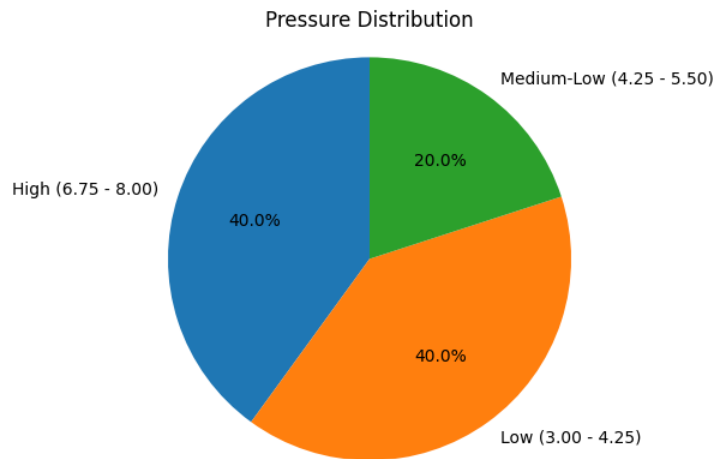
Data Insights

- This dataset contains data for 5 pieces of equipment.
- Flowrate ranges from 75 to 160. Equipment with highest flowrate: Pump K3.
- Pressure ranges from 3 to 8. Equipment with highest pressure: Reactor O3.
- Temperature ranges from 285 to 365°C. Equipment with highest temperature: Reactor O3.

Equipment Metrics



Pressure Distribution



Raw Data

Equipment Name	Type	Flowrate	Pressure	Temperature	category
Pump K3	Pump	160	7	315	High (6.75 - 8.00)
Valve L3	Valve	75	3	288	Low (3.00 - 4.25)
Mixer M3	Mixer	125	5	330	Medium-Low (4.25 - 5.50)
Cooler N3	Cooler	95	4	285	Low (3.00 - 4.25)
Reactor O3	Reactor	115	8	365	High (6.75 - 8.00)