

# Chemical Equipment Analysis Report

**Dataset:** sample\_equipment\_data.csv

**Upload Date:** 2025-11-23 07:36:11

**Total Records:** 15

## Summary Statistics:

Average Flowrate: 119.80

Average Pressure: 6.11

Average Temperature: 117.47

## Equipment Type Distribution:

Equipment Type	Count
Pump	4
Valve	3
Compressor	2
HeatExchanger	2
Reactor	2
Condenser	2

## Equipment Records (First 20):

Name	Type	Flowrate	Pressure	Temp
Compressor-1	Compressor	95.00	8.40	95.00
Compressor-2	Compressor	100.00	8.00	98.00
Condenser-1	Condenser	160.00	6.80	125.00
Condenser-2	Condenser	165.00	6.90	128.00
HeatExchanger-1	HeatExchanger	150.00	6.20	130.00
HeatExchanger-2	HeatExchanger	155.00	6.30	132.00
Pump-1	Pump	120.00	5.20	110.00
Pump-2	Pump	132.00	5.60	118.00
Pump-3	Pump	125.00	5.30	115.00
Pump-4	Pump	130.00	5.90	119.00
Reactor-1	Reactor	140.00	7.50	140.00

Reactor-2	Reactor	145.00	7.20	138.00
Valve-1	Valve	60.00	4.10	105.00
Valve-2	Valve	58.00	4.00	102.00
Valve-3	Valve	62.00	4.20	107.00