

Chemical Equipment Analysis Report

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Summary Statistics

Metric	Value
Total Equipment	15
Average Flowrate	119.80
Average Pressure	6.11
Average Temperature	117.47

Equipment Distribution by Type

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

Detailed Equipment Data

Name	Type	Flowrate	Pressure	Temp
Pump-1	Pump	120.0	5.2	110.0
Compressor-1	Compressor	95.0	8.4	95.0
Valve-1	Valve	60.0	4.1	105.0
HeatExchanger-1	HeatExchanger	150.0	6.2	130.0
Pump-2	Pump	132.0	5.6	118.0
Valve-2	Valve	58.0	4.0	102.0

Reactor-1	Reactor	140.0	7.5	140.0
Pump-3	Pump	125.0	5.3	115.0
Condenser-1	Condenser	160.0	6.8	125.0
Compressor-2	Compressor	100.0	8.0	98.0
HeatExchanger-2	HeatExchanger	155.0	6.3	132.0
Valve-3	Valve	62.0	4.2	107.0
Pump-4	Pump	130.0	5.9	119.0
Reactor-2	Reactor	145.0	7.2	138.0
Condenser-2	Condenser	165.0	6.9	128.0