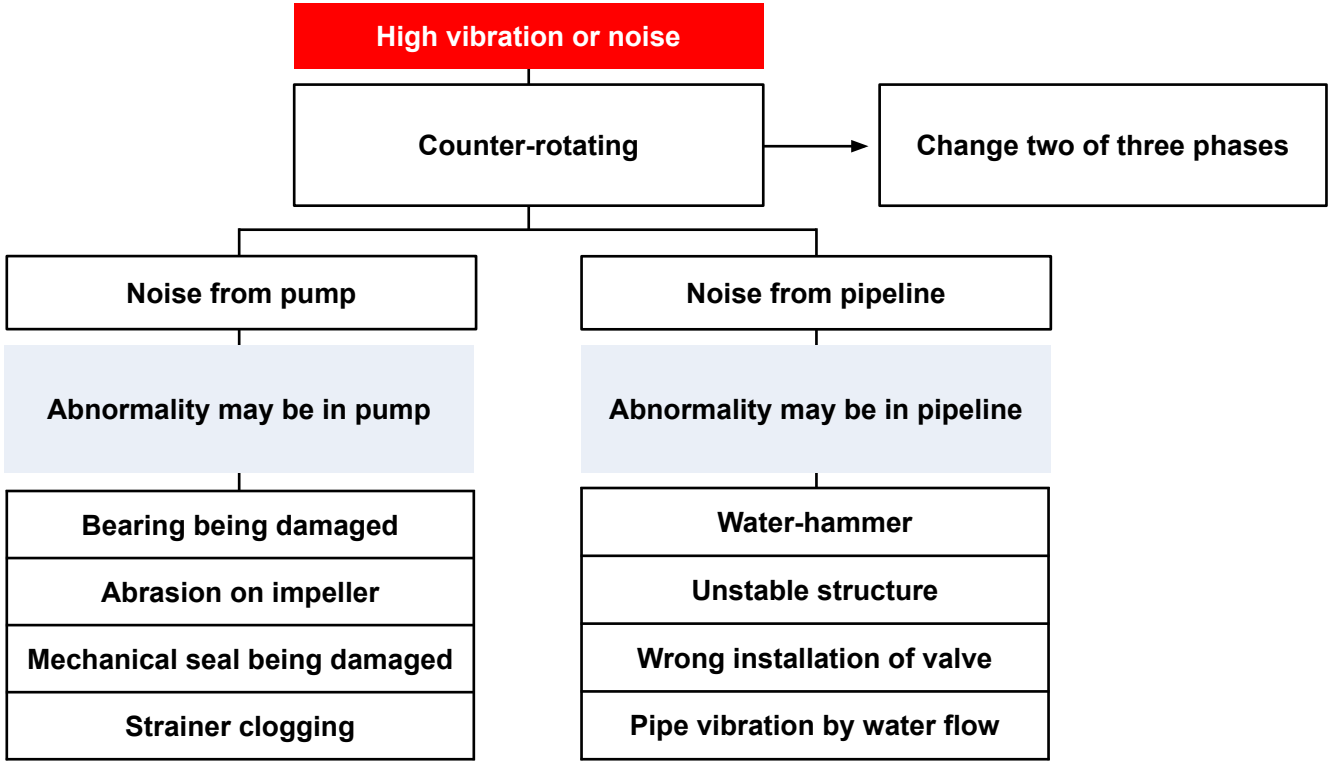
High vibration or noise
Counter-rotating
Change two of three phases
Noise from pump
Noise from pipeline
Abnormality may be in pump
Abnormality may be in pipeline
Bearing being damaged
Abrasion on impeller
Mechanical seal being damaged
Strainer clogging
Water-hammer
Unstable structure
Wrong installation of valve
Pipe vibration by water flow