

Pump Troubleshooting

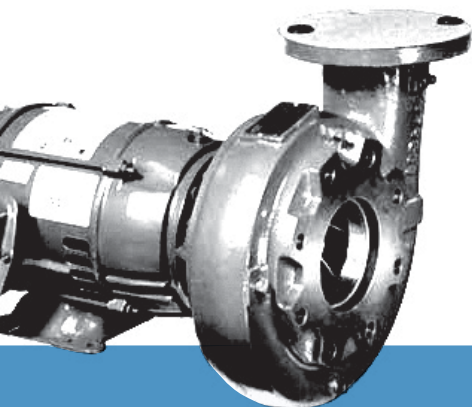
Find the bad actors

Assemble a team to find your bad actor pumps:

- Engineers
- Management
- Operators
- Maintenance technicians
- Pump vendor representative

Use these tips to find the pumps that need attention:

1. Start with a list of the MTBF numbers. Focus on pumps that fall on the low end of the MTBF, such as the bottom 25%.
2. Consider adding to the list any pumps that see few hours of operation, but still fail frequently.
3. Estimate the cost of production loss for each of the pumps in question.
4. Create charts showing frequency of outage, cost of repairs, and production loss.
5. Determine which equipment tag numbers are the worst performers that need to be addressed¹.



¹Heinz P. Block and Alan R. Budris, Pump User's Handbook: Life Extension, The Fairmont Press, Inc., 2004, 321-326