

Primary Air Fans (PA Fans)

Primary Air Fan > Fan & Motor

FAULT TYPE:

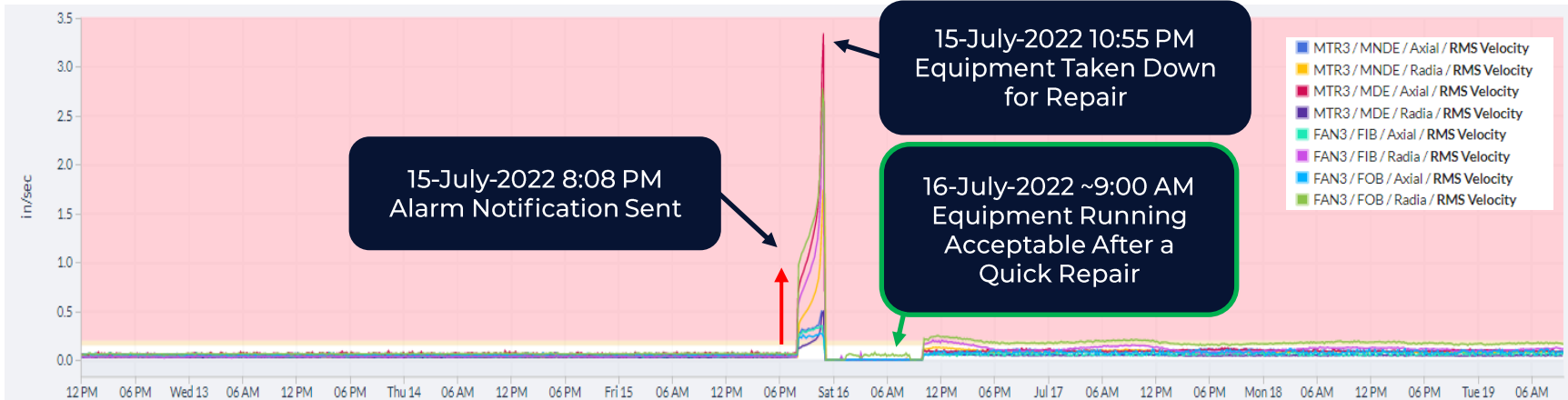
- Severe Imbalance (Broken Dampener)

INDICATION:

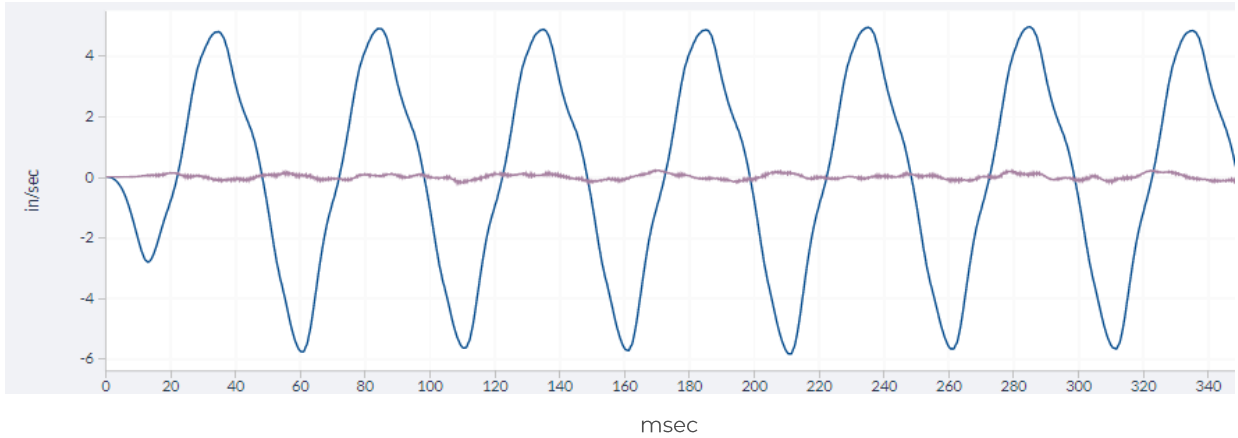
- Alarming step-up in RMS Velocity vibration at multiple points across the asset.
- Elevated running speed frequency highlighted in the time-waveform (very sinusoidal, period (T) = 1 cycle)

ACTION TAKEN:

- Immediate plan of action drawn within a 2-3-hour time span to ensure minimal downtime.
- Bearings replaced, rebalanced, aligned, put back into service & continuously watched until next major outage – major failure avoided.



July 12th ←————→ Current



“Healthy” Vibe Pattern  High Vibe Pattern 

