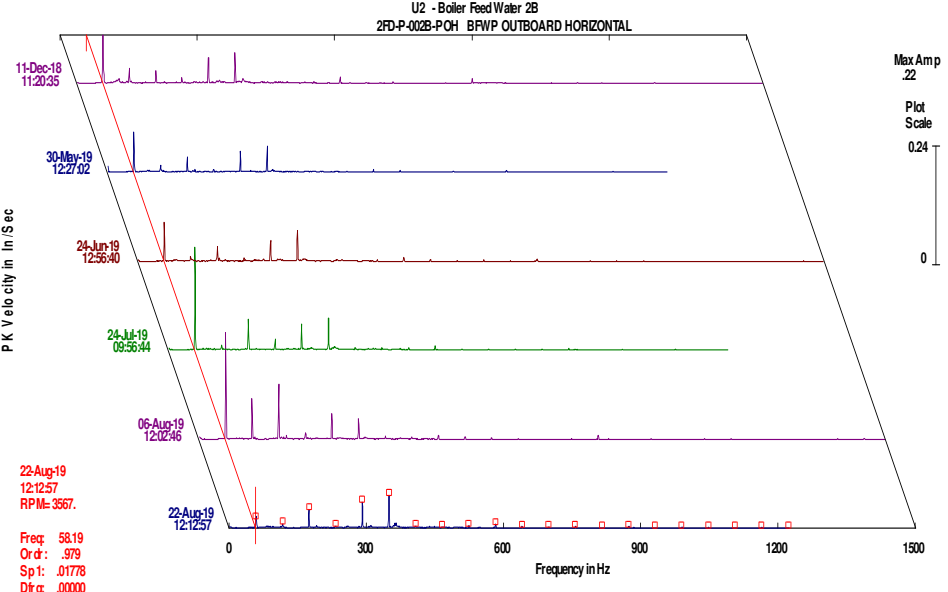
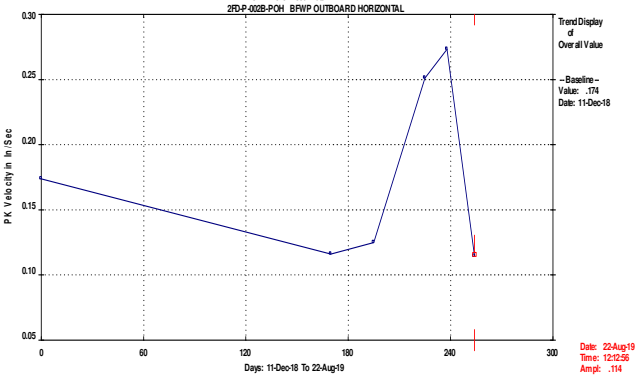




Client	A.E.C.I. Dell	Survey Date	8-22-19
Location	Dell, AR	Report Date	8-27-19
Machine	Unit 2 BFWP 2B	QMS No.	140288
Component	Pump	Analyst	DWS

Defect Rating for this machine	NA
Defect Rating System	
Class I: Defect is present, but effect on reliability is not clear; no immediate action is required. Continue normal monitoring.	Class III: Defect (s) present that may cause failure in short term (less than 2 mos.). Should be addressed as soon as practical, with a high maintenance priority. Increase monitoring frequency.
Class II: Defect (s) present that may cause problem in long term (2-6 mos.). Repair during normal maintenance scheduling. Continue to monitor.	Class IV: Defect (s) present that makes continued reliability unpredictable, and possibility of secondary damage is high. Repairs should be made ASAP. An unscheduled shutdown should be considered for repairs.

Vibration Data	Analysis
<p>U2 - Boiler Feed Water 2B 2FD-P-002B-PQH BFWP OUTBOARD HORIZONTAL</p>  <p>Max Amp 22 Plot Scale 0.24 0</p> <p>11-Dec-18 11:20:35 30-May-19 12:27:02 24-Jun-19 12:56:40 24-Jul-19 09:56:44 06-Aug-19 12:02:46 22-Aug-19 12:12:57 RPM= 3567. Freq: 58.19 Ord: .979 Sp1: .01778 Dirq: .00000</p>	Drop in the fundamental and several harmonics.
Discussion / Repair recommendations	Trend Data
The 1x RPM vibration has dropped significantly after the coupling damage was repaired/replaced to the best of our knowledge. A few harmonics still exist at low levels.	 <p>U2 - Boiler Feed Water 2B 2FD-P-002B-PQH BFWP OUTBOARD HORIZONTAL</p> <p>Trend Display Overall Value Baseline Value: .174 Date: 11-Dec-18</p> <p>Date: 22-Aug-19 Time: 12:12:56 Amp: .114</p>



Client	A.E.C.I. Dell	Survey Date	8-22-19
Location	Dell, AR	Report Date	8-27-19
Machine	Unit 2 LP Recirculator Pump	QMS No.	140288
Component	Alignment and shimming	Analyst	DWS

Defect Rating for this machine	NA
Defect Rating System	
Class I: Defect is present, but effect on reliability is not clear; no immediate action is required. Continue normal monitoring.	Class III: Defect (s) present that may cause failure in short term (less than 2 mos.). Should be addressed as soon as practical, with a high maintenance priority. Increase monitoring frequency.
Class II: Defect (s) present that may cause problem in long term (2-6 mos.). Repair during normal maintenance scheduling. Continue to monitor.	Class IV: Defect (s) present that makes continued reliability unpredictable, and possibility of secondary damage is high. Repairs should be made ASAP. An unscheduled shutdown should be considered for repairs.

