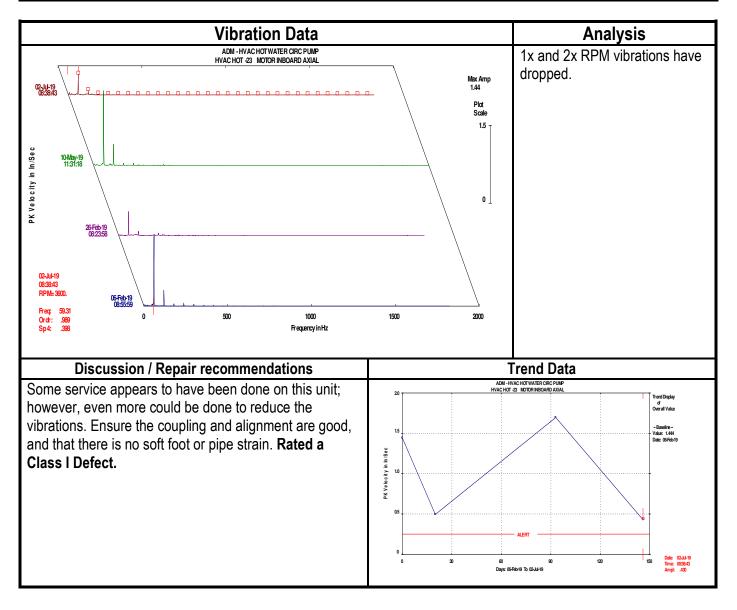


Client	Blues City Brewery	Survey Date	7-2-19
Location	Memphis, TN	Report Date	7-9-19
Machine	HVAC Hot Water Circulator Pump	QMS No.	140076
Component		Analyst	DWS

Defect Rating for this machine	CLASS I	
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.	



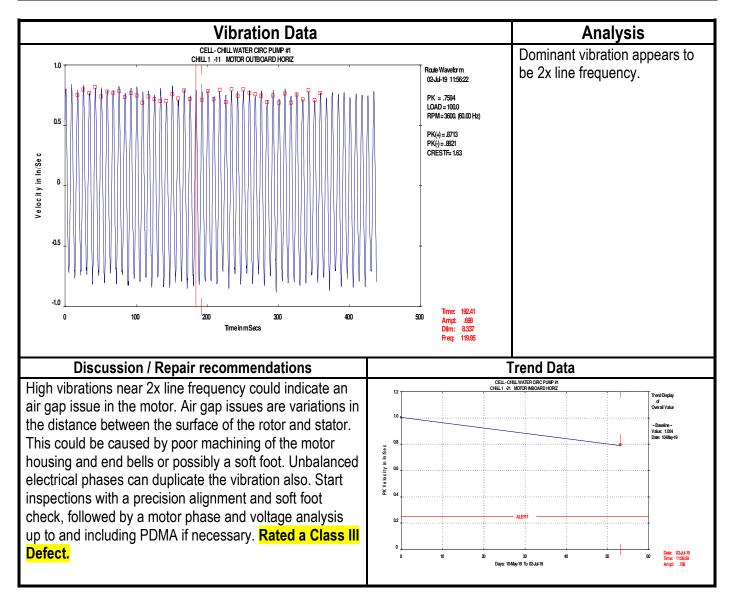




Machinery Vibration Report

Client	Blues City Brewery	Survey Date	7-2-19
Location	Memphis, TN	Report Date	7-9-19
Machine	Chill Water Circulator Pump 1	QMS No.	140076
Component	2x line vibration in motor	Analyst	DWS

Defect Rating for this machine	CLASS III	
Defect Rating System		
<u>Class I:</u> 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.	





Client	Blues City Brewery	Survey Date	7-2-19
Location	Memphis, TN	Report Date	7-9-19
Machine	RO Water Pump 2	QMS No.	140076
Component		Analyst	DWS

Defect Rating for this machine	CLASS II	
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.	

