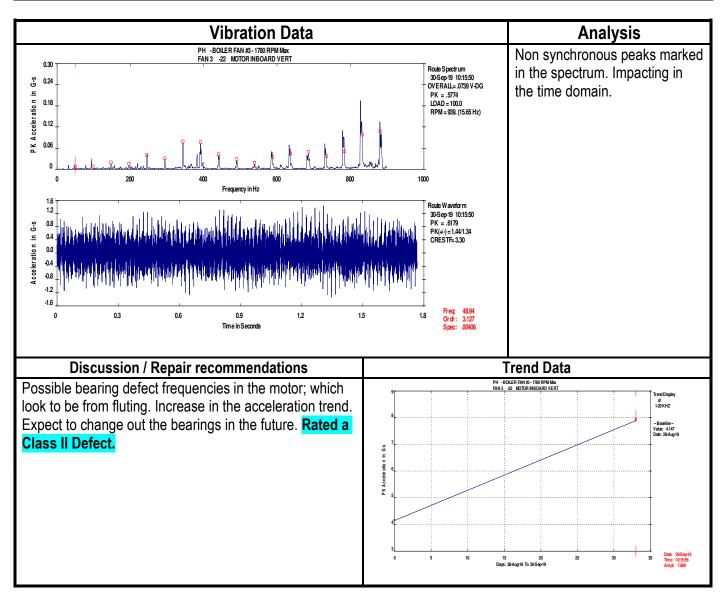




Client	Blues City Brewery	Survey Date	9-3-19
Location	Memphis, TN	Report Date	9-3-19
Machine	Boiler 3 Fan Motor	QMS No.	140748
Component	Bearings	Analyst	DWS

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.	



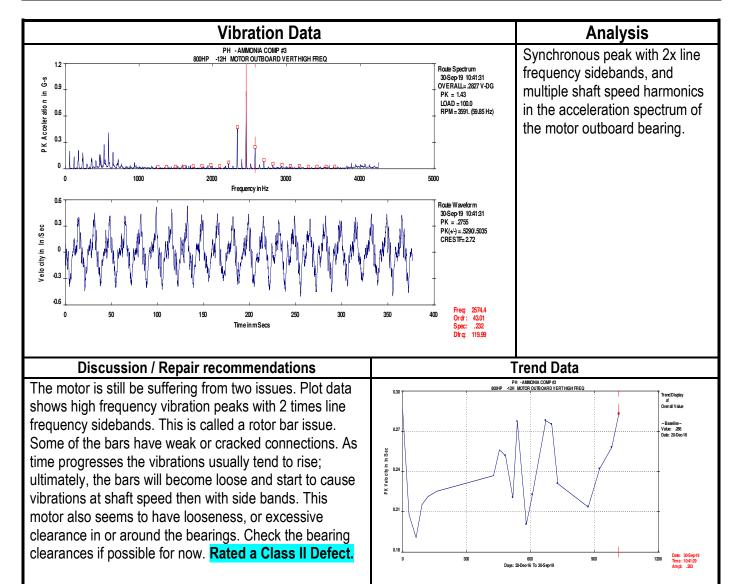




Machinery Vibration Report

Client	Blues City Brewery	Survey Date	9-3-19
Location	Memphis, TN	Report Date	9-3-19
Machine	Ammonia Compressor 3	QMS No.	140748
Component	Bearings/Bars	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.	







Machinery Vibration Report

Client	Blues City Brewery	Survey Date	9-3-19
Location	Memphis, TN	Report Date	9-3-19
Machine	Sugar Tank 4 Pump	QMS No.	140748
Component	Coupling/Alignment	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.	

