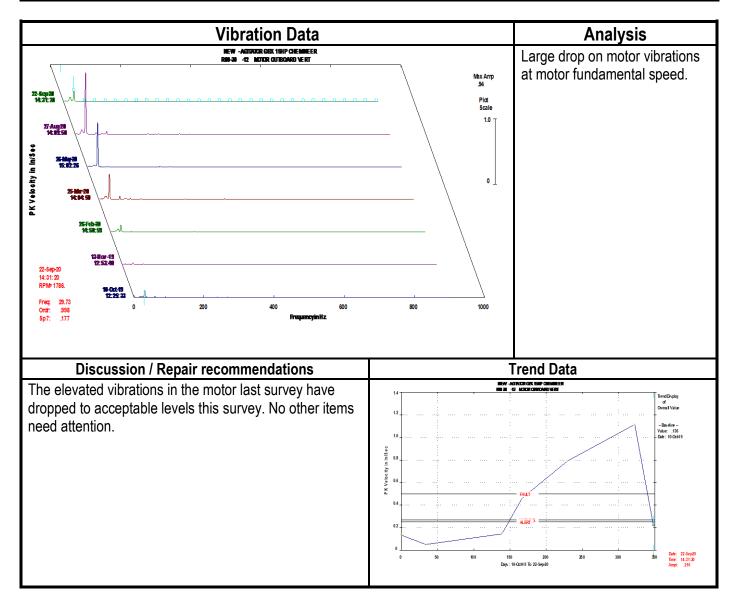


Client	Penn A Kem	Survey Date	9-22-2020
Location	Memphis, TN	Report Date	9-24-2020
Machine	R80-30 Agitator Motor/Gearbox Chemineer	QMS No.	143416
Component	Motor	Analyst	DWS

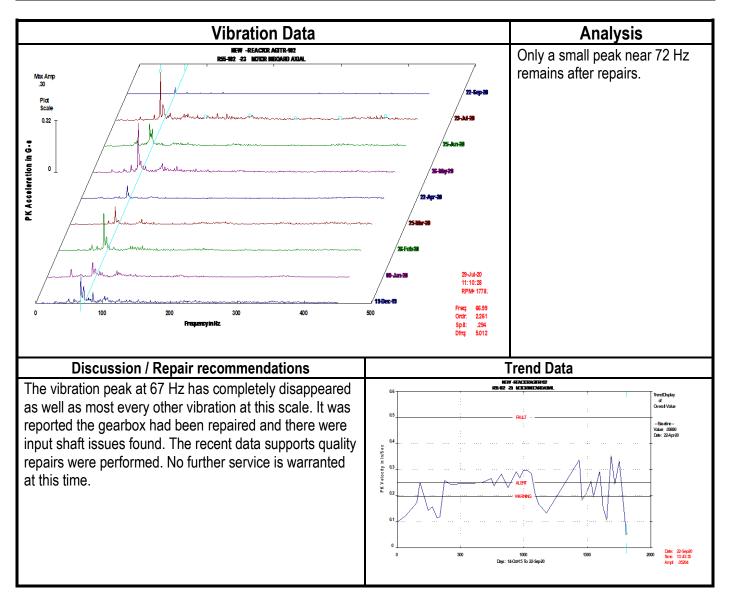
Defect Rating for this machine	NA	
Defect Rating System		
Class I: Defect is present, but effect on reliability is not clear; no immediate action is required. Continue normal monitoring.	Class III: Defect (s) present that may cause failure in short term (less than 2 mos.). Should be addressed as soon 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.	





Client	Penn A Kem	Survey Date	9-22-2020
Location	Memphis, TN	Report Date	9-24-2020
Machine	R55-102 Reactor Agitator Motor and Gearbox	QMS No.	143416
Component	Motor/Gearbox	Analyst	DWS

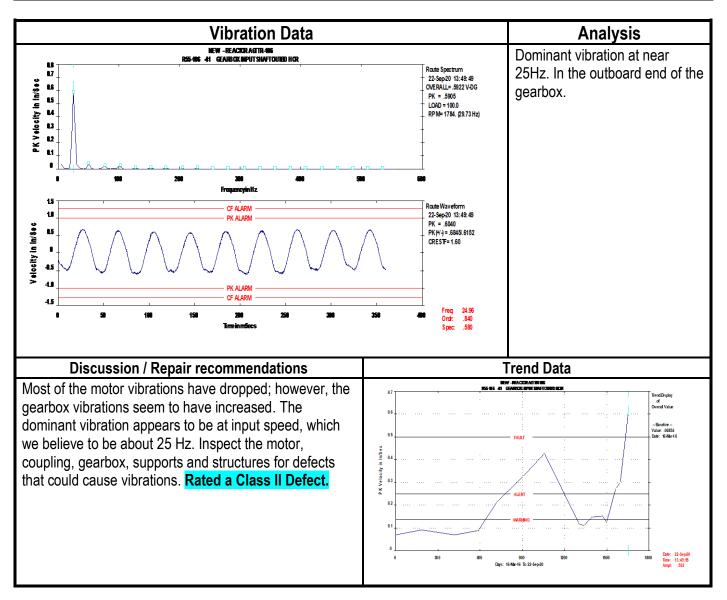
Defect Rating for this machine	NA	
Defect Rating System		
Class I: Defect is present, but effect on reliability is not clear; no immediate action is required. Continue normal monitoring.	Class III: Defect (s) present that may cause failure in short term (less than 2 mos.). Should be addressed as soon 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.	





Client	Penn A Kem	Survey Date	9-22-2020
Location	Memphis, TN	Report Date	9-24-2020
Machine	R55-106 Agitator Motor and Gearbox	QMS No.	143416
Component	Gearbox	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.	





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Client	Penn A Kem	Survey Date	9-22-2020
Location	Memphis, TN	Report Date	9-24-2020
Machine	C53-C1A Compressor	QMS No.	143416
Component		Analyst	DWS

Defect Rating for this machine	Class III	
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.	

