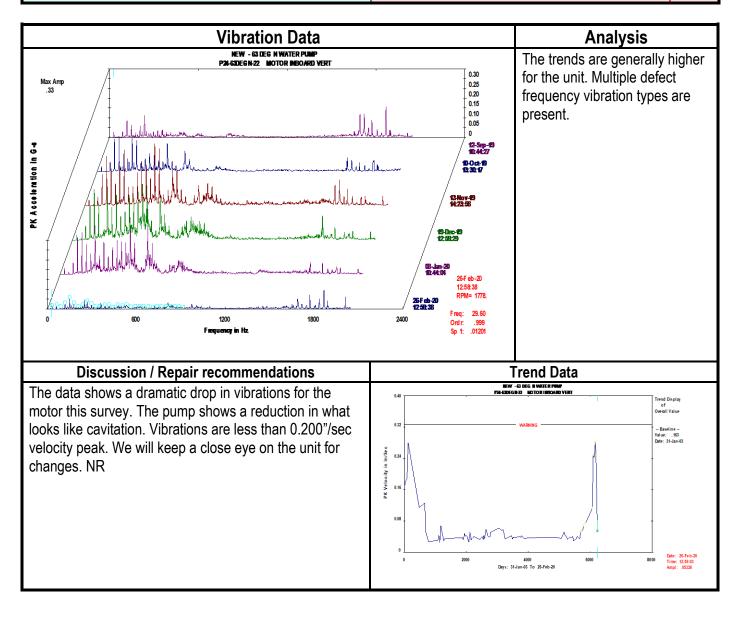


Client	Penn-A-Kem	Survey Date	2-26-2020
Location	Memphis, TN	Report Date	3-2-2020
Machine	P24-63DEGN 63 Degree North Pump	QMS No.	141955
Component	Pump Unit	Analyst	DWS

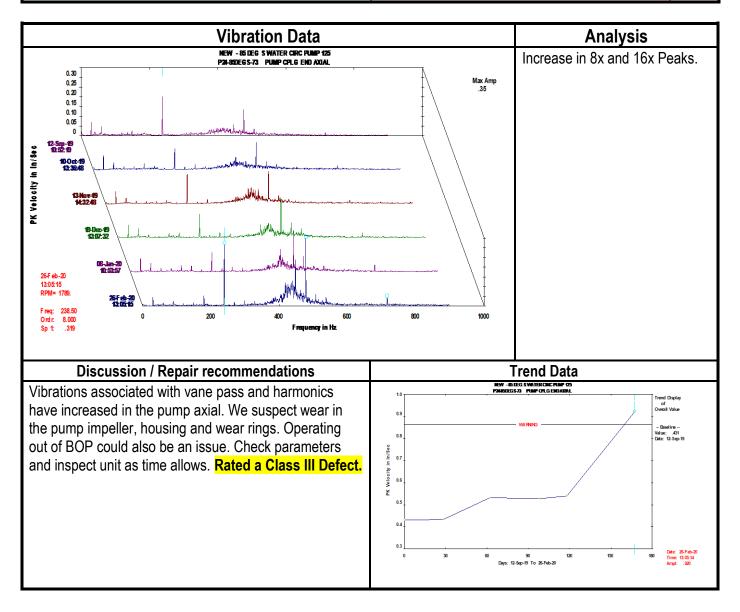
Defect Rating for this machine	NR	
Defect Rating System		
<b><u>Class I</u></b> : Defect is present, but effect on reliability is not clear; no immediate action is required. Continue normal monitoring.	<b><u>Class III:</u></b> Defect (s) present that may cause failure in short term (less than 2 mos.).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





Client	Penn-A-Kem	Survey Date	2-26-2020
Location	Memphis, TN	Report Date	3-2-2020
Machine	P24-85DEGS 85 Deg S Water Circ Pump	QMS No.	141955
Component	Pump	Analyst	DWS

Defect Rating for this machine	Class II	
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.	
<b><u>Class II:</u></b> 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. <b>Repairs should be made</b> ASAP. An unscheduled shutdown should be considered for repairs.	





Client	Penn-A-Kem	Survey Date	2-26-2020
Location	Memphis, TN	Report Date	3-2-2020
Machine	Axial Twin Screw Compressor C67-51	QMS No.	141955
Component	Bearings	Analyst	DWS

Defect Rating for this machine	Class IV	
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.	
<b><u>Class II:</u></b> 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.	

