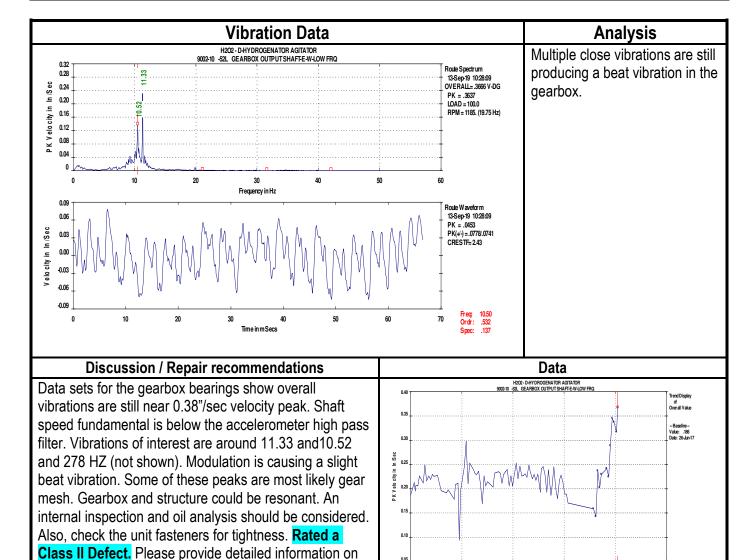


Machinery Vibration Report

400 Days: 26-Jun-17 To 13-Sep-19

Client	ARKEMA	Survey Date	9-13-19
Location	Memphis, TN	Report Date	9-18-19
Machine	D- Hydrogenator Agitator	QMS No.	140595
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.		



the gearbox for further analysis.