

## Machinery Vibration Report

Client	ARKEMA	Survey Date	8-30-19
Location	Memphis, TN	Report Date	8-30-19
Machine	D- Hydrogenator Agitator	QMS No.	140287
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.		

