

Client	ARKEMA	Survey Date	9-9-19
Location	Memphis, TN	Report Date	9-9-19
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.	<u>Class III:</u> 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>		

