



# PdM Solutions of San Antonio, Inc

## Vibration Data Summary

Plant Name	Sanderson Farm Mineola Feed Mill Plant
Location	Mineola TX
Date	February 24, 2025

<u>ID</u>	<u>Equipment</u>		<u>Note</u>
#1	Gear Box /Truck Receiving/SEW MC3R	Green	
	Motor Baldor 200HP/4P	Green	
#2	Gear Box/Rail Receiving /SEW MC3R	Green	
	Motor Baldor 200HP/4P	Green	
#3	Cooling Fan	Green	
	Motor Reliance 200HP/4P	Green	
#4	CPM Hammer Mill Champion HM44-48	Green	H/M's drive end bearing noise trending higher. Data showed lack of lubricants. Grease them up.
	Motor Toshiba 400HP/4P	Yellow	
#5	CPM Pellet Mill	Green	
	Motor Toshiba 600HP/4P	Green	

### Warning Flag Notation

Flag Type	Reliability Assessments
Green	Normal Reliable
Yellow	Showed sign of problem(s) Reliable, but concern(s) existed.
Pink	Progresses problem(s) Not reliable for continuous operation.
Red	Critical Unsafe to operate

**Next Inspection: In 6 months. September 2025**



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Vibration analysis, Thermal imaging, oil analysis ,laser alignment  
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## Vibration Analysis Cover Sheet

### 1. Machinery Information.

Plant	Sanderson Farms	Location.	Mineola, TX
Contract No.	Mineola Feed Mill Plant	Date	February 24, 2025
Unit ID#	Hammer Mill		
Model	Champion HM 44-48		
Drive	Direct Drive	Pump Speed	1775 RPM
Motor BHP-RPM	400 HP-1775 RPM	Motor Manufacturer	Toshiba-TEFC
Motor Bearing-Drive	6320C3	Motor Bearing-Open	6320C3
Operation	Fine grade-100% speed		
Data Taken by	Scott/PdM Solutions	Data Analyses by	Hank/PdM Solutions
Service History:			

### 2. Result

		Comment
<b>Hammer Mill</b>	Yellow	Drive end bearing noise trending higher. Data showed lubrication issue.
<b>Motor</b>	Green	
<b>Alignment</b>	Green	

#### Warning Flag Notation

Flag Type	Reliability Assessments
Green	Normal
Yellow	Reliable
Yellow	Showed a sign of problem(s)
Pink	Reliable, but concern(s) existed.
Pink	Progresses problem(s)
Pink	Not reliable for continuous operation.
Red	Critical
Red	Unsafe to operate

#### Inspection Note

### 3. Recommendation

- Grease up the hammer mill's bearings.

### 4.Attachment

- Vibration last measurement report.
- Vibration trend data...mill bearing noise(Drive end)

### 5. Next Inspection. In (6) months, **September 2025**

