



Infrared Equipment -- Infrared Inspection -- Training  
Vibration Analysis Equipment -- Vibration Analysis Surveys --  
Ultrasound Equipment -- Ultrasound Inspection

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## VIBRATION ANALYSIS REPORT

SURVEY DATE: 1/18/01  
REPORT DATE: 1/18/01

SURVEY BY: R. Alegre  
REPORTED BY: J. Platter

PRIORITY: **Moderate**

PROBLEM #: 2

### SURVEY INFORMATION

PLANT: **Tyson Foods - Berryville, AR**  
MACHINE: West IR Compressor  
EQUIPMENT: Motor  
BEARING: All

### DIAGNOSED PROBLEM

The equipment has higher than acceptable amplitudes of vibration in the following frequency: **Bearing Defect Frequencies** and is **Synchronous** to run speed.

### **PROBABLE CAUSE:**

Imbalance  
Bearing Defect  
Other

  
  

Misalignment  
Softfoot

  

Looseness  
Coupling

  

**SUGGESTED ACTION:** Increased Bearing Energy

**COMMENTS:** Take Oil Sample on Compressor Oil

DATE OF REPAIR: \_\_\_\_\_

REPAIRED BY: \_\_\_\_\_

ACTION TAKEN: \_\_\_\_\_