



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 | <input type="checkbox"/> | Misalignment | <input type="checkbox"/> | Looseness | <input type="checkbox"/> |
| Bearing Defect | <input checked="" type="checkbox"/> | Softfoot | <input type="checkbox"/> | Coupling | <input type="checkbox"/> |
| Other | <input type="checkbox"/> | | | | |

SUGGESTED ACTION: Increased Bearing Energy

COMMENTS: Take Oil Sample on Compressor Oil

DATE OF REPAIR: _____ REPAIRED BY: _____

ACTION TAKEN: _____