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June 26, 2024

Mason Shelly Unipres Corp. Forest, MS

Mason,

The following is a summary of findings from the vibration survey that was performed on June 17-18th, 2024.

**QualiTest**® uses a four step rating system for defects.

<u>CLASS I:</u> Defect is present, but effect on reliability is not clear; no immediate action is required. Continue to normally monitor.

<u>CLASS II:</u> Defect (s) present that may cause problem in long term (2-6 months). Repair during normal maintenance scheduling. Continue to monitor.

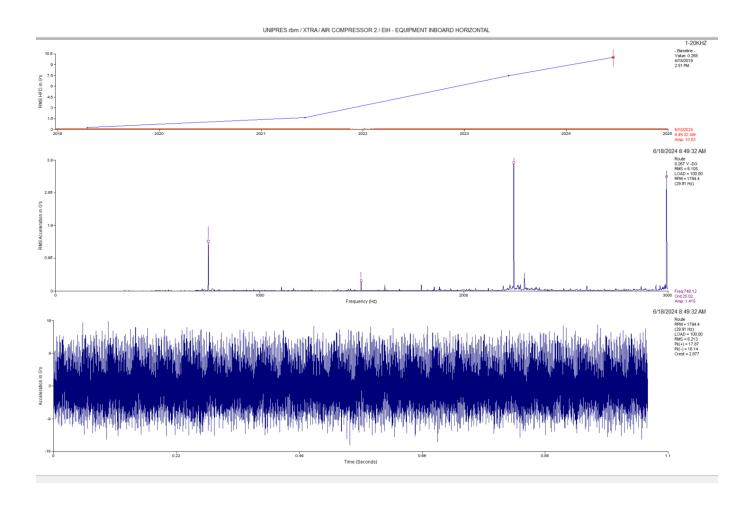
<u>CLASS III</u>; Defect (s) present that may cause failure in short term (less than 2 months). This should be addressed as soon as practical, with a high maintenance priority. Increase monitoring frequency.

**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

*Hi-Speed* **Industrial Service** tests and inspects industrial machinery and equipment and makes recommendations concerning maintenance and repairs based on its experience in the field of industrial repair and maintenance. The information contained herein is provided as an opinion only, not as a guaranty or warranty of the matters discussed herein.

# **Defect Summary**

### Air Compressor 2 CLASS III



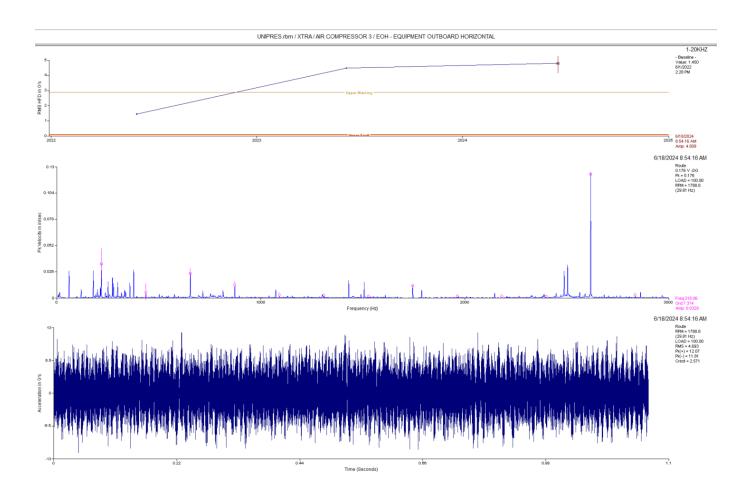
#### **Observation:**

Data above is the inboard horizontal compressor. There appears to be several harmonics of a peak that is likely 25 x rpm present in the spectral data. This may be a gear issue or other type of internal wear of the compressor section. Trend data shows a significant increase in high frequency amplitude.

#### **Recommendation:**

It is recommended to inspect the compressor section for defects/wear soon.

# Air Compressor 3 CLASS III



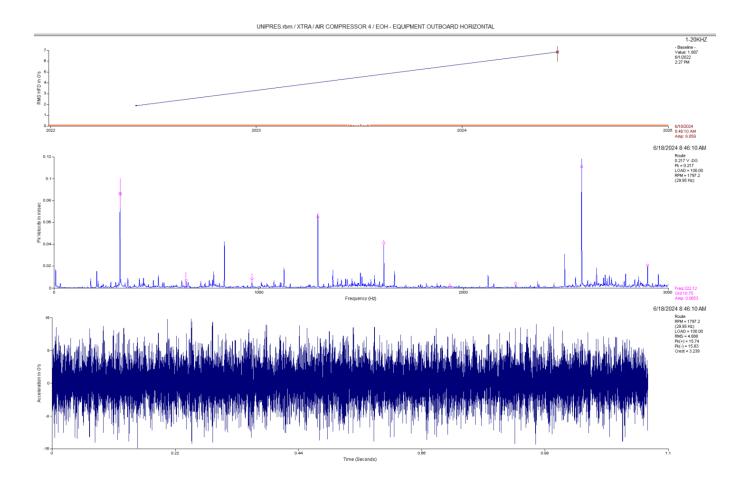
### **Observation:**

Data above is the outboard horizontal compressor. There appears to be several harmonics of a non-synchronous peak that is likely a bearing defect fundamental Trend data shows a significant increase in high frequency amplitude over the past two surveys.

### **Recommendation:**

It is recommended to inspect the compressor section for defects/wear soon.

# Air Compressor 4 CLASS III



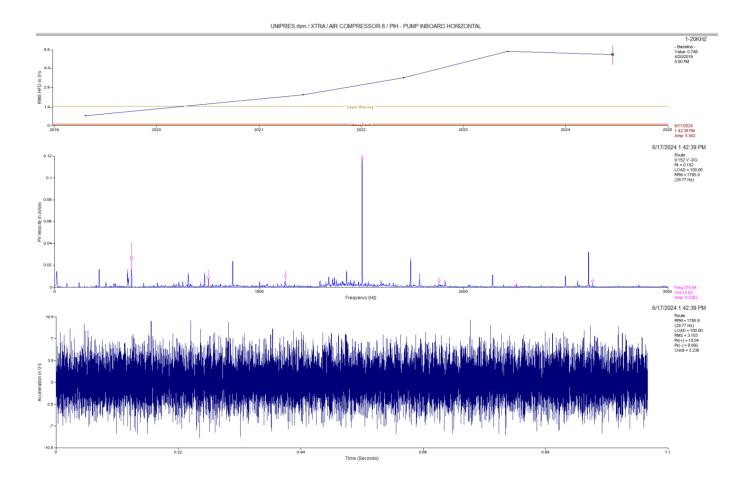
#### Observation:

Data above is the outboard horizontal compressor. There appears to be several harmonics of a non-synchronous peak that is likely a bearing defect fundamental Trend data shows a significant increase in high frequency amplitude since last survey in 2022.

#### **Recommendation:**

It is recommended to inspect the compressor section for defects/wear soon.

# Air Compressor 6 CLASS III



### **Observation:**

Data above is the input side of compressor. Data shows some peaks that are non-synchronous to shaft speed. This is an indication of possible bearing defects in compressor section.

### **Recommendation:**

Compressor section shows elevated acceleration levels. The compressor section may have defects and wear and needs to be inspected soon.

# Abbreviated Last Measurement Summary

Database: UNIPRES.rbm Area: UNIPRES

incu.		
MEASUREMENT POINT	OVERALL LEVEL	HFD / VHFD
CRANE1MAIN - CRANE 1 MAIN	N HOIST (1'	7-Jun-24)
	OVERALL LEVEL	
MOH	.036 In/Sec	.148 G-s
MOV	.034 In/Sec	.064 G-s
MIV	.015 In/Sec .021 In/Sec	.074 G-s
MIH		
MIA	.014 In/Sec	.060 G-s
GIA	.014 In/Sec .018 In/Sec .012 In/Sec	.023 G-s .144 G-s
GIH		
GIV	.016 In/Sec	
G01	.026 In/Sec	.015 G-s
CRAIN2MAIN - CRANE 2 MAIN	N HOTST (1'	7-Jun-24)
	OVERALL LEVEL	·
мон	004 Tm/G	460 0 -
MOV	.094 In/Sec	.091 G-s
MIV	.039 In/Sec	.047 G-s
MIH	.059 In/Sec	.201 G-s
MIA	.059 In/Sec .016 In/Sec	.201 G-s .049 G-s
GIA	.038 In/Sec	
GIH	.014 In/Sec	.156 G-s
GIV	.047 In/Sec	.051 G-s
G01	.031 In/Sec	.011 G-s
CRAIN3MAIN - CRANE 3 MAIN	N HOIST (1	7-Jun-24)
	OVERALL LEVEL	
MOH	.030 In/Sec	.218 G-s
MOV	.030 In/Sec .042 In/Sec .024 In/Sec	.120 G-s
MIV	.024 In/Sec	.072 G-s
MIH	.026 In/Sec	
MIA	.018 In/Sec	.048 G-s
GIA	.0066 In/Sec	.056 G-s
GIH	.0086 In/Sec	
GIV	.0095 In/Sec	
G01	.013 In/Sec	.139 G-s
GI2	.0097 In/Sec	.077 G-s
CRAIN4MAIN - CRANE 4 MAIN	N HOIST (1	7-Jun-24)
	OVERALL LEVEL	1-20KHZ
MOH	.039 In/Sec	.231 G-s
MOV	.030 In/Sec	.112 G-s
MIV	.031 In/Sec	.112 G-s
MIH	.037 In/Sec	.231 G-s
GIH	.018 In/Sec	.231 G-s
GIV	.028 In/Sec	.112 G-s
G01	.023 In/Sec	.017 G-s
GI2	.018 In/Sec	.020 G-s
G02	.025 In/Sec	.0050 G-s
CRAIN5MAIN - CRANE 5 MAIN	ע הערבה (1.	7-Jun-24)
CIGIIIOMIN COME 5 MAII	OVERALL LEVEL	1-20KHZ
мон	.021 In/Sec	.029 G-s
MOV	.033 In/Sec	.014 G-s
MIV	.032 In/Sec	.017 G-s
MIH	.034 In/Sec	.041 G-s
MIA	.040 In/Sec	.010 G-s
GIA	.025 In/Sec	.0054 G-s
-		

	OVERALL LEVEL	
MOH	.046 In/Sec	.0095 G-s
MIV	.035 In/Sec	.011 G-s
GIA	.024 In/Sec	.076 G-s
GIH	.0067 In/Sec	.0094 G-s
CRAIN6MAIN - CRANE 6 MAIN HO	IST (	17-Jun-24)
	OVERALL LEVEL	1-20KHZ
MOH	.049 In/Sec	.063 G-s
MOV	.042 In/Sec	.014 G-s
MIV		
MIH	.025 In/Sec	.142 G-s
MIA	.019 In/Sec	.031 G-s
GIA	.026 In/Sec	.011 G-s
GIH	.017 In/Sec	
GIV	.031 In/Sec	
G01	.017 In/Sec	.039 G-s
P1DRVMOTOR - 2500T PRESS DRI		
	OVERALL LEVEL .011 In/Sec	1-20KHZ
MOH		
MIH	.014 In/Sec	
MIA	.011 In/Sec	1.294 G-s
P2DRVMOTOR - 3500T PRESS DRI	VE MOTOR (	17Tun-24)
FEDRAMOTOR SSOOT FREEDS DRI	OVERALL LEVEL	
	OVERALL LEVEL	.439 G-s
MOH	010 Tn/Sec	
MOH MTH	.010 In/Sec	
мін	.0087 In/Sec	.465 G-s
	.0087 In/Sec .0097 In/Sec	.465 G-s .353 G-s
MIH MIA	.0087 In/Sec .0097 In/Sec	.465 G-s .353 G-s .020 G-s
MIH MIA JA	.0087 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s
MIH MIA JA JIH	.0087 In/Sec .0097 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s
MIH MIA JA JIH	.0087 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .215 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s
MIH MIA JA JIH JOH	.0087 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .215 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s 17-Jun-24) 1-20KHZ
MIH MIA JA JIH JOH	.0087 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .215 In/Sec DRIVE MOTOR (COURTALL LEVEL .019 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s 17-Jun-24) 1-20KHZ .238 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS MOH MIH	.0087 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .215 In/Sec DRIVE MOTOR (1 OVERALL LEVEL .019 In/Sec .010 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s 17-Jun-24) 1-20KHZ .238 G-s .191 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS MOH	.0087 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .215 In/Sec DRIVE MOTOR (COURTALL LEVEL .019 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s 17-Jun-24) 1-20KHZ .238 G-s .191 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA	.0087 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .215 In/Sec  DRIVE MOTOR OVERALL LEVEL .019 In/Sec .010 In/Sec .083 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s 17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS MOH MIH	.0087 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .215 In/Sec DRIVE MOTOR (COVERALL LEVEL .019 In/Sec .010 In/Sec .083 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .215 In/Sec  DRIVE MOTOR (COMMAND COMMAND COMMA	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .215 In/Sec  DRIVE MOTOR OVERALL LEVEL .019 In/Sec .010 In/Sec .083 In/Sec  D UNIT 1 OVERALL LEVEL	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIH	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .010 In/Sec .010 In/Sec .083 In/Sec .010 UNIT 1 .0000 UNIT 1	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIH MIA	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .010 In/Sec .010 In/Sec .083 In/Sec .083 In/Sec .083 In/Sec .088 In/Sec .098 In/Sec .098 In/Sec .098 In/Sec .098 In/Sec .098 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec .083 In/Sec .083 In/Sec .083 In/Sec .085 In/Sec .046 In/Sec .060 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA EIH	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec .083 In/Sec .083 In/Sec .083 In/Sec .084 In/Sec .085 In/Sec .086 In/Sec .089 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s 1.271 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec .083 In/Sec .083 In/Sec .083 In/Sec .085 In/Sec .046 In/Sec .060 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA EIH	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec .083 In/Sec .083 In/Sec .084 In/Sec .085 In/Sec .086 In/Sec .089 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s 1.271 G-s .987 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA EIH EOH	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s 1.271 G-s .987 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA EIH EOH	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s 1.271 G-s .987 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA EIH EOH  BKPRDRMTR2 - BLANK PRESS FEE	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s 1.271 G-s .987 G-s  17-Jun-24) 1-20KHZ .066 G-s .026 G-s
MIH MIA JA JIH JOH PRESS PRESS MOH MIH MIA BKPRDRMTR1 - BLANK PRESS FEE MOH MIH EA EIH EOH BKPRDRMTR2 - BLANK PRESS FEE MOH	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s 1.271 G-s .987 G-s  17-Jun-24) 1-20KHZ .066 G-s .026 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA EIH EOH  BKPRDRMTR2 - BLANK PRESS FEE  MOH MIH MIH	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s 1.271 G-s .987 G-s  17-Jun-24) 1-20KHZ .066 G-s .026 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA EIH EOH  BKPRDRMTR2 - BLANK PRESS FEE  MOH MIH MIA  MOH MIH MIA	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s 1.271 G-s .987 G-s  17-Jun-24) 1-20KHZ .066 G-s .026 G-s .046 G-s
MIH MIA JA JIH JOH  P3DRVMOTOR - BLANKING PRESS  MOH MIH MIA  BKPRDRMTR1 - BLANK PRESS FEE  MOH MIH MIA EA EIH EOH  BKPRDRMTR2 - BLANK PRESS FEE  MOH MIH MIA EA EA EIH EOH	.0087 In/Sec .0097 In/Sec .0097 In/Sec .013 In/Sec .013 In/Sec .013 In/Sec .015 In/Sec .016 In/Sec .019 In/Sec .010 In/Sec	.465 G-s .353 G-s .020 G-s .054 G-s .062 G-s  17-Jun-24) 1-20KHZ .238 G-s .191 G-s .065 G-s  17-Jun-24) 1-20KHZ .892 G-s 1.175 G-s .109 G-s 1.544 G-s 1.271 G-s .987 G-s  17-Jun-24) 1-20KHZ .066 G-s .026 G-s .046 G-s .046 G-s .019 G-s

Area: UNIPRES COMPRESSORS

MEASUF	REMENT POINT	OVERALL LEVEL	HFD / VHFD	
AC-1 - AIR COMPRE		OR 1 (	1 (18-Jun-24)	
		OVERALL LEVEL		
	MOH	.105 In/Sec	1.007 G-s	
	MIH	.109 In/Sec	1.567 G-s	
	MIA	.074 In/Sec	.467 G-s	
	EA	.068 In/Sec	.783 G-s	
	EIH	.068 In/Sec .126 In/Sec	3 812 G-s	
	EOH	.131 In/Sec	4.098 G-s	
AC-2 - AIR COMPRESS	OR 2 (	18-Jun-24)		
	OVERALL LEVEL			
	MOH	.061 In/Sec	.415 G-s	
	MIH			
	MIA	.073 In/Sec .034 In/Sec	.408 G-s	
	EA	.196 In/Sec	1.486 G-s	
	EIH	.267 In/Sec		
	EOH	.236 In/Sec	10.64 G-s	
AC-3 - AIR COMPRE	OR 3 (:	18-Jun-24)		
		OVERALL LEVEL	1-20KHZ	
	MOH	.136 In/Sec	.094 G-s	
	MIH	.097 In/Sec	1.530 G-s	
	MIA			
	EA	.076 In/Sec .069 In/Sec	.570 G-s	
	EIH	.148 In/Sec	3.566 G-s	
	EOH	.176 In/Sec		
AC-4 - AIR COMPRESS				
	OVERALL LEVEL	1-20KHZ		
	MOH	.063 In/Sec .231 In/Sec	.420 G-s	
	MIH	.231 In/Sec	3.532 G-s	
	MIA	.044 In/Sec	.585 G-s	
	EA	.099 In/Sec	1.481 G-s 3.283 G-s	
	EIH	.099 In/Sec .142 In/Sec	3.283 G-s	
ЕОН	ЕОН	.217 In/Sec	6.859 G-s	
AC-5 - AIR COM MOH MIH	- AIR COMPRESS	SOR 5 (17-Jun-24)		
		OVERALL LEVEL		
	MOH	.251 In/Sec	.739 G-s	
	MIH	.102 In/Sec	.848 G-s	
	MIA	.085 In/Sec	.426 G-s	
	PIA	.095 In/Sec	.739 G-s	
	PIH	.169 In/Sec	4.699 G-s	
POH	POH	.310 In/Sec	2.847 G-s	
AC-6	- AIR COMPRESS	OR 6 (	(17-Jun-24)	
		OVERALL LEVEL		
	MOH	.139 In/Sec		
	MIH	.104 In/Sec	1.617 G-s	
		.104 In/Sec .063 In/Sec	.736 G-s	
	MIH	.104 In/Sec .063 In/Sec	.736 G-s	
	MIH MIA	.104 In/Sec	.736 G-s .819 G-s	

Clasification Of Witnestine Waite.

Clarification Of Vibration Units:

Acc --> G-s RMS Vel --> In/Sec PK As always, it has been a pleasure to serve Unipres Forest, MS. If there are any comments or questions, do not hesitate to contact us.

Sincerely,

ISO Certified Vibration Analyst, Category III

Kevin W. Morruell



QualiTest<sub>®</sub> Diagnostics

Cell: 901-486-4565

Email: <a href="mailto:kwilliam@gohispeed.com">kwilliam@gohispeed.com</a>