

7030 Ryburn Dr. Millington, TN Phone: (901) 873-5300 Fax: (901) 873-5301 www.gohispeed.com

July 25, 2025

Derreck Smith Louis Dreyfus Co. West Memphis, AR

The following is a summary of findings from the vibration analysis that was performed on July 21, 2025

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.

Data Summary

BE-705

The recent data taken on 7-21-25 shows vibration to be within acceptable parameters at this time. We will continue to monitor closely.

Take Up Drive

The recent data taken on 7-21-25 shows vibration to be within acceptable parameters at this time. We will continue to monitor closely.

RV-800

The baseline data taken on 7-21-25 shows vibration to be within acceptable parameters at this time. We will continue to monitor closely.

F-800

The baseline data taken on 7-21-25 shows vibration to be within acceptable parameters at this time. We will continue to monitor closely.

F-900

The baseline data taken on 7-21-25 shows vibration to be within acceptable parameters at this time. We were only able to get data from the motor because the fan bearing housings are not accessible due to guarding. The guard needs to be modified to allow for our sensor placement on the fan bearing housings. We will continue to monitor closely.

RV-900

The baseline data taken on 7-21-25 shows vibration to be within acceptable parameters at this time. We will continue to monitor closely.

Abbreviated Last Measurement Summary *********

Database: LOUIS DREYFUS.rbm
Area: LOUIS DREYFUS WEST MEMPHIS

MEASUREME:	NT POINT	OVERALL LEVEL	HFD / VHFD
BE-705	- BE-705		-Jul-25)
		OVERALL LEVEL	1K-20KHz
MO	H	.107 In/Sec	.140 G-s
MO	P	.0028 In/Sec	
MO	v	.174 In/Sec	.036 G-s
MI	н	.080 In/Sec	.233 G-s
MI	P	.0042 In/Sec	
MI	v	.102 In/Sec	.070 G-s
MI.	A	.091 In/Sec	.120 G-s
G1:	н	.097 In/Sec	.363 G-s
G1	P	.0065 In/Sec	
G1 ⁻	v	.082 In/Sec	.120 G-s
G1.	A	.068 In/Sec	.065 G-s
G2:	н	.052 In/Sec	.263 G-s
G2	P	.0038 In/Sec	
G2	v	.082 In/Sec	.122 G-s
G2.	A	.056 In/Sec	.086 G-s
G3:	н	.059 In/Sec	.531 G-s
G3:	P	.016 In/Sec	
G3		.0040 In/Sec	
G4:		.071 In/Sec	.167 G-s
G4		.0026 In/Sec	
G4 ⁻		.0043 In/Sec	
G4.		.0015 In/Sec	
<u> </u>			
TAKEUPDRV	E - TAKE UP DRIVE	(21	-Jul-25)
		OVERALL LEVEL	
MO	н		
MO		.073 In/Sec .014 In/Sec .094 In/Sec	
MO		.094 In/Sec	.434 G-s
MI		.058 In/Sec	1 196 G-s
MI		.019 In/Sec	
MI		.097 In/Sec	.397 G-s
MI.		.089 In/Sec	
G1:		.043 In/Sec	
G1		.018 In/Sec	1.102 0 5
G1		.077 In/Sec	.465 G-s
G1.		.057 In/Sec	
G2:		.043 In/Sec	1.010 G-s
G2		.015 In/Sec	1.010 6 5
G2'		.080 In/Sec	.357 G-s
G2.		.040 In/Sec	.198 G-s
G3:		.040 In/Sec	.828 G-s
G3:		.0089 In/Sec	.020 G-S
G3:		.0033 In/Sec	
G3.		.0033 In/Sec	
G4:		.0032 In/Sec	.278 G-s
G4:		.0055 In/Sec	.270 G-S
G4:		.0033 In/Sec	
G4	V	.0024 In/Sec	
RV-800	- RV-800	/21	-Jul-25)
24 000	1/4 000	OVERALL LEVEL	1K-20KHz
MO	u	.078 In/Sec	.160 G-s
		.078 In/Sec	.100 G-S
MO		.0029 In/Sec .255 In/Sec	082 C-2
MO		.082 In/Sec	.082 G-s
MI		.082 In/Sec .0028 In/Sec	.140 G-s
MI			046 0 -
MI	V	.101 In/Sec	.046 G-s

	MIA	.144 In/Sec	.037 G-s
	G1H	.052 In/Sec	.037 G-s
	G1V	.036 In/Sec	.033 G-s
	G1A	.057 In/Sec	.044 G-s
	G2H	.054 In/Sec	.038 G-s
	G2V	.036 In/Sec	.018 G-s
	G2A	.063 In/Sec	.028 G-s
	G3H	.085 In/Sec	.017 G-s
	G4H	.026 In/Sec	
		,	
F-800	- F-800	(21-	Jul-25)
		OVERALL LEVEL	1K-20KHz
	MOH	.129 In/Sec	.468 G-s
	MOP	.0070 In/Sec	
	MOV	.132 In/Sec	.303 G-s
	MIH	.129 In/Sec	.432 G-s
	MIP	.0061 In/Sec	
	MIV	.071 In/Sec	.105 G-s
	MIA	.086 In/Sec	.124 G-s
	G1H	.088 In/Sec	.697 G-s
	G1P	.016 In/Sec	
	G1V	.200 In/Sec	.251 G-s
	G1A	.115 In/Sec	.235 G-s
	G2H	.133 In/Sec	.727 G-s
	G2P	.018 In/Sec	
	G2V	.139 In/Sec	.434 G-s
	G2A	.131 In/Sec	.479 G-s
			
F-900	- F-900	(21-	Jul-25)
F-900	- F-900	-	-Jul-25) 1K-20KHz
	- F-900 MOH	OVERALL LEVEL	1K-20KHz
		OVERALL LEVEL .219 In/Sec	-
	мон	OVERALL LEVEL .219 In/Sec .012 In/Sec	1K-20KHz .702 G-s
	мон мор	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec	1K-20KHz
	MOH MOP MOV	OVERALL LEVEL .219 In/Sec .012 In/Sec	1K-20KHz .702 G-s .127 G-s
	MOH MOP MOV MIH	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec	1K-20KHz .702 G-s .127 G-s
	MOH MOP MOV MIH MIP	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec	1K-20KHz .702 G-s .127 G-s .885 G-s
	MOH MOP MOV MIH MIP MIV	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec	1K-20KHz .702 G-s .127 G-s .885 G-s
	MOH MOP MOV MIH MIP MIV	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec	1K-20KHz .702 G-s .127 G-s .885 G-s
	MOH MOP MOV MIH MIP MIV MIA	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec	1K-20KHz .702 G-s .127 G-s .885 G-s .205 G-s .309 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec (21-OVERALL LEVEL	1K-20KHz .702 G-s .127 G-s .885 G-s .205 G-s .309 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec	1K-20KHz .702 G-s .127 G-s .885 G-s .205 G-s .309 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec	1K-20KHz .702 G-s .127 G-s .885 G-s .205 G-s .309 G-s .Jul-25) 1K-20KHz .074 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec	1K-20KHz .702 G-s .127 G-s .885 G-s .205 G-s .309 G-s .Jul-25) 1K-20KHz .074 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV	OVERALL LEVEL .219 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .044 G-s .082 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH MIV	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec .084 In/Sec	1K-20KHz .702 G-s .127 G-s .885 G-s .205 G-s .309 G-s .Jul-25) 1K-20KHz .074 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .082 G-s .022 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH MIV MIX	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec .084 In/Sec .112 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .082 G-s .022 G-s .017 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH MIV MIA G1H	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec .084 In/Sec .112 In/Sec .049 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .082 G-s .022 G-s .017 G-s .044 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH MIV MIA G1H G1V	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec .084 In/Sec .112 In/Sec .049 In/Sec .036 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .082 G-s .022 G-s .017 G-s .044 G-s .044 G-s .023 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH MIV MIA G1H G1V G1A	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec .084 In/Sec .112 In/Sec .049 In/Sec .036 In/Sec .036 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .082 G-s .022 G-s .017 G-s .044 G-s .044 G-s .023 G-s .015 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH MIV MIA G1H G1V G1A G2H	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec .084 In/Sec .112 In/Sec .049 In/Sec .036 In/Sec .025 In/Sec .040 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .082 G-s .022 G-s .017 G-s .044 G-s .023 G-s .015 G-s .037 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH MIV MIA G1H G1V G1A G2H G2V	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec .051 In/Sec .049 In/Sec .049 In/Sec .049 In/Sec .040 In/Sec .040 In/Sec .040 In/Sec .040 In/Sec .040 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .082 G-s .022 G-s .017 G-s .044 G-s .023 G-s .015 G-s .037 G-s .020 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH MIV MIA G1H G1V G1A G2H G2V G2A	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec .051 In/Sec .049 In/Sec .049 In/Sec .049 In/Sec .040 In/Sec .040 In/Sec .040 In/Sec .040 In/Sec .041 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .082 G-s .022 G-s .017 G-s .044 G-s .023 G-s .015 G-s .037 G-s .020 G-s .025 G-s
RV-900	MOH MOP MOV MIH MIP MIV MIA - RV-900 MOH MOP MOV MIH MIV MIA G1H G1V G1A G2H G2V G2A G3H	OVERALL LEVEL .219 In/Sec .012 In/Sec .012 In/Sec .222 In/Sec .230 In/Sec .016 In/Sec .126 In/Sec .127 In/Sec OVERALL LEVEL .063 In/Sec .0017 In/Sec .432 In/Sec .051 In/Sec .051 In/Sec .049 In/Sec .049 In/Sec .049 In/Sec .040 In/Sec .040 In/Sec .040 In/Sec .040 In/Sec .040 In/Sec	1K-20KHz .702 G-s .702 G-s .885 G-s .885 G-s .205 G-s .309 G-s .7u1-25) 1K-20KHz .074 G-s .082 G-s .022 G-s .017 G-s .044 G-s .023 G-s .015 G-s .037 G-s .020 G-s .025 G-s

Clarification Of Vibration Units:
Acc --> G-s RMS
Vel --> In/Sec PK

As always, it has been a pleasure to serve The Louis Dreyfus Co. If there are any comments or questions, do not hesitate to contact us.

Sincerely,

ISO Certified Vibration Analyst, Category III

Kevin W. Mozewell



QualiTest_® Diagnostics

Cell: 901-486-4565

Email: kwilliam@gohispeed.com