

PROBLEM SUMMARY

Sample Rating Trend





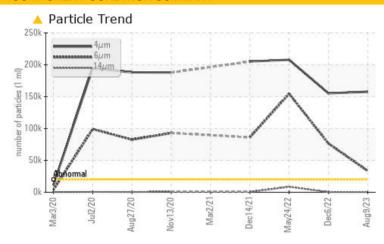
Area Utility

Amarillo Gear Co FHH85AH01 Cooling Tower, Cell / Fan

Gearbox

JAX FGG-AW ISO 220 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

PROBLEMATIC TE	ST RESULTS				
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL
Particles >4µm	ASTM D7647	>20000	<u> </u>	<u>▲</u> 155275	2 07869
Particles >6µm	ASTM D7647	>5000	33541	<u>▲</u> 76538	<u>▲</u> 154595
Oil Cleanliness	ISO 4406 (c)	>21/19/16	4 24/22/16	2 4/23/16	▲ 25/24/20

Customer Id: NOVFRANC **Sample No.:** WC0835745 Lab Number: 05922229 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 ihester@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component if applicable.

HISTORICAL DIAGNOSIS

06 Dec 2022 Diag: Jonathan Hester





We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is suitable for further service.



24 May 2022 Diag: Don Baldridge





We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



14 Dec 2021 Diag: Angela Borella



We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Sample Rating Trend

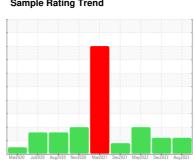
ISO



Amarillo Gear Co FHH85AH01 Cooling Tower, Cell / Fan

Gearbox

JAX FGG-AW ISO 220 (--- GAL)





DIAGNOSIS

Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The condition of the oil is suitable for further service.

SAMPLE INFORMA	NOITA	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0835745	WC0663737	WC0675415
Sample Date		Client Info		09 Aug 2023	06 Dec 2022	24 May 2022
	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	49	55	72
Chromium	ppm	ASTM D5185m	>15	0	<1	<1
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	2	2	2
Lead	ppm	ASTM D5185m	>100	0	<1	0
Copper	ppm	ASTM D5185m	>200	<1	0	<1
Tin	ppm	ASTM D5185m	>25	0	0	<1
Antimony	ppm	ASTM D5185m	>5			
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	<1	2
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		1	1	1
Magnesium	ppm	ASTM D5185m		0	1	0
Calcium	ppm	ASTM D5185m		9	12	13
Phosphorus	ppm	ASTM D5185m		536	538	575
Zinc	ppm	ASTM D5185m		7	14	7
Sulfur	ppm	ASTM D5185m		461	311	455
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	7	8	7
Sodium	ppm	ASTM D5185m		1	<1	<1
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water	%	ASTM D6304	>0.2	0.001	0.009	0.00
ppm Water	ppm	ASTM D6304	>2000	4.4	95.2	0.00
FLUID CLEANLINE	SS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	<u> </u>	<u>▲</u> 155275	<u>▲</u> 207869
Particles >6µm		ASTM D7647	>5000	<u>A</u> 33541	<u>▲</u> 76538	<u>▲</u> 154595
Particles >14µm		ASTM D7647	>640	324	357	<u></u> 8551
Particles >21µm		ASTM D7647	>160	65	29	△ 97
Particles >38μm		ASTM D7647	>40	2	1	0
Particles >71μm		ASTM D7647	>10	0	0	0
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<u>4</u> 24/22/16	<u>4</u> 24/23/16	<u>△</u> 25/24/20
FLUID DEGRADAT	ION	method	limit/base	current	history1	history2

Acid Number (AN)

0.60



OIL ANALYSIS REPORT



Certificate L2367

Unique Number

: 10602176

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Test Package : IND 2 (Additional Tests: KF, PrtCount)

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Diagnostician : Jonathan Hester

Contact: BRUCE THOMAS

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