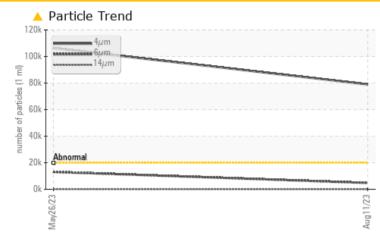


# COMPONENT CONDITION SUMMARY



### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS										
Sample Status			ABNORMAL	ABNORMAL						
Particles >4µm	ASTM D7647	>20000	<u> </u>	🔺 106310						
Oil Cleanliness	ISO 4406 (c)	>21/19/16	<b>A</b> 23/19/12	🔺 24/21/13						

Customer Id: CASASH Sample No.: WC0776540 Lab Number: 05927233 Test Package: PLANT



To manage this report scan the QR code

*To discuss the diagnosis or test data:* Don Baldridge +1 <u>don.b505@comcast.net</u>

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

There are no recommended actions for this sample.

# HISTORICAL DIAGNOSIS

# 26 May 2023 Diag: Wes Davis



We recommend you service the filters on this component. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.





# **OIL ANALYSIS REPORT**

#### Area Paper Machine Machine Id Vacuum Pump #9 Gearbox Component

Gearbox

Fluid MOBILGEAR SHC 220 (35 GAL)

# DIAGNOSIS

# A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

# Wear

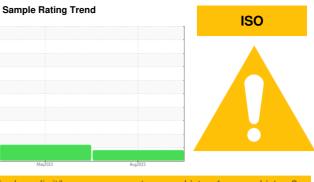
All component wear rates are normal.

# Contamination

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

#### Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

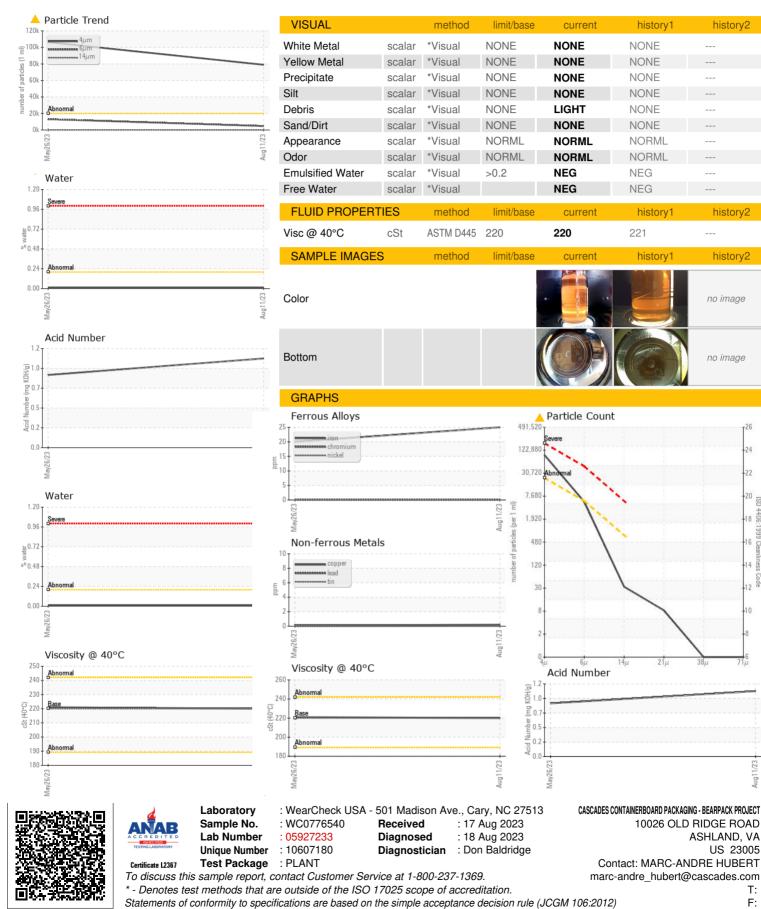


SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0776540	WC0776635	
Sample Date		Client Info		11 Aug 2023	26 May 2023	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Sample Status				ABNORMAL	ABNORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	25	20	
Chromium	ppm	ASTM D5185m	>15	<1	<1	
Nickel	ppm	ASTM D5185m	>15	0	0	
Titanium	ppm	ASTM D5185m		<1	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	<1	0	
Lead	ppm	ASTM D5185m	>100	<1	0	
Copper	ppm	ASTM D5185m	>200	<1	<1	
Tin	ppm	ASTM D5185m	>25	0	0	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m		3	0	
Calcium	ppm	ASTM D5185m		<1	<1	
Phosphorus	ppm	ASTM D5185m		474	472	
Zinc	ppm	ASTM D5185m		0	<1	
Sulfur	ppm	ASTM D5185m		2720	2787	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	16	16	
Sodium	ppm	ASTM D5185m		<1	0	
Potassium	ppm	ASTM D5185m	>20	2	<1	
Water	%	ASTM D6304	>0.2	0.010	0.010	
ppm Water	ppm	ASTM D6304	>2000	102.1	108.8	
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	<b>^</b> 78984	▲ 106310	
Particles >6µm		ASTM D7647	>5000	4741	<b>1</b> 3082	
Particles >14µm		ASTM D7647	>640	29	78	
Particles >21µm		ASTM D7647	>160	7	10	
Particles >38µm		ASTM D7647	>40	0	1	
Particles >71µm		ASTM D7647	>10	0	0	
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<b>A</b> 23/19/12	4/21/13	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.08	0.88	

Submitted By: MARC-ANDRE HUBERT



# **OIL ANALYSIS REPORT**



Submitted By: MARC-ANDRE HUBERT

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history2

history

history2

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