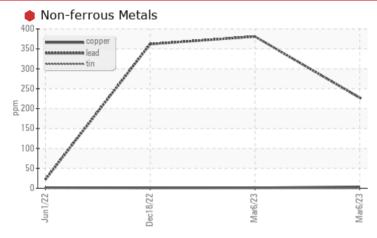


PROBLEM SUMMARY

Area Industrial Mechanical/Conveyors Machine Id 17-UGCNVY-CV-6680-3 Component

Drive End Conveyor Gearbox Fluid SHELL OMALA S2 G 220 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

PROBLEMATIC TEST RESULTS							
Sample Status				SEVERE	SEVERE	SEVERE	
Lead	ppm	ASTM D5185(m)	>15	e 381	227	9362	

Customer Id: INCCRE Sample No.: WC0540536 Lab Number: 02543946 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Kevin Marson +1 (289)291-4644 x4644 Kevin.Marson@wearcheck.com

To change component or sample information: Gloria Gonzalez +1 (289)291-4643 x4643 <u>gloria.gonzalez@wearcheck.com</u>

RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Change Fluid	MISSED	Jun 14 2023	?	We recommend that you drain the oil from the component if this has not already been done.			
Resample	MISSED	Jun 14 2023	?	We recommend an early resample to monitor this condition.			
Information Required	MISSED	Jun 14 2023	?	NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.			

HISTORICAL DIAGNOSIS



06 Mar 2023 Diag: Kevin Marson

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.Lead ppm levels are severe. Iron ppm levels are abnormal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



view report



18 Dec 2022 Diag: Kevin Marson

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.Lead ppm levels are severe. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

01 Jun 2022 Diag: Kevin Marson



Resample at the next service interval to monitor.Lead ppm levels are noted. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.





OIL ANALYSIS REPORT

Industrial Mechanical/Conveyors Machine Id 17-UGCNVY-CV-6680-3 Component

Drive End Conveyor Gearbox Fluid SHELL OMALA S2 G 220 (--- GAL)

DIAGNOSIS

Recommendation

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

🛑 Wear

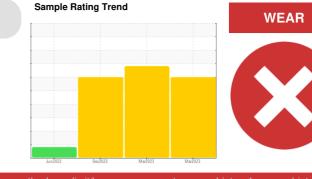
Lead ppm levels are severe.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

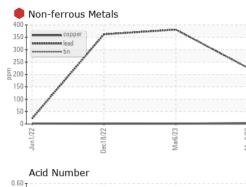
The AN level is acceptable for this fluid. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



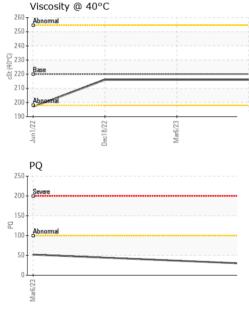
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0540536	WC0540535	WC0532618
Sample Date		Client Info		06 Mar 2023	06 Mar 2023	18 Dec 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changd
Sample Status				SEVERE	SEVERE	SEVERE
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		29	52	
Iron	ppm	ASTM D5185(m)	>100	67	🔺 115	58
Chromium	ppm	ASTM D5185(m)		<1	1	<1
Nickel	ppm	ASTM D5185(m)		2	5	1
Titanium	ppm	ASTM D5185(m)		<1	<1	<1
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)		3	6	2
Lead	ppm	ASTM D5185(m)	>15	e 381	227	9362
Copper	ppm	ASTM D5185(m)	>35	2	4	1
Tin	ppm	ASTM D5185(m)		0	0	0
Antimony	ppm	ASTM D5185(m)		<1	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	4.4	<1	<1	<1
Barium	ppm	ASTM D5185(m)	0.0	<1	0	<1
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)		<1	1	<1
Magnesium	ppm	ASTM D5185(m)	0	2	4	2
Calcium	ppm	ASTM D5185(m)	0	9	5	16
Phosphorus	ppm	ASTM D5185(m)	215	323	316	341
Zinc	ppm	ASTM D5185(m)	0	4	4	5
Sulfur	ppm	ASTM D5185(m)	7039	7495	7629	7675
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	16	22	13
Sodium	ppm	ASTM D5185(m)		2	3	2
Potassium	ppm	ASTM D5185(m)	>20	1	2	<1
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		0.51	0.51	



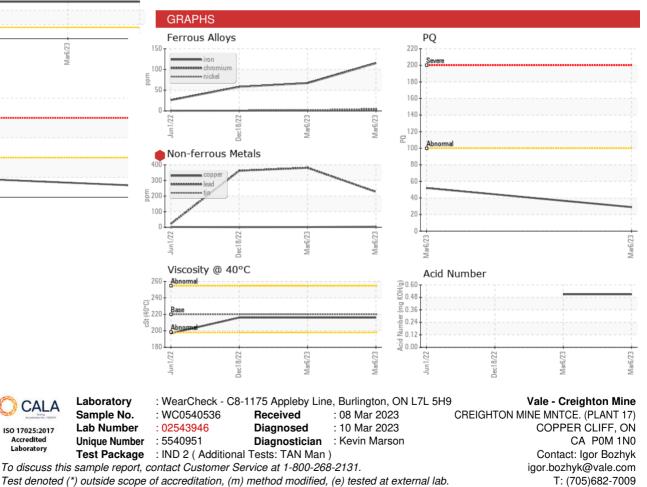
OIL ANALYSIS REPORT







VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	220	216	216	216
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color						
Bottom						



Validity of results and interpretation are based on the sample and information as supplied.

CALA

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