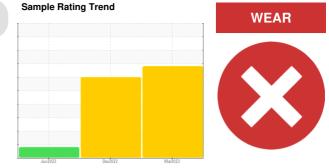
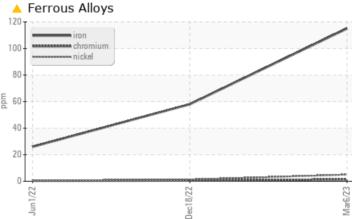


Dec18/22





RECOMMENDATION

Junl

50 0

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

Mar6/23

Sample Status				SEVERE	SEVERE	ATTENTION		
Iron	ppm	ASTM D5185(m)	>100	🔺 115	58	26		
Lead	ppm	ASTM D5185(m)	>15	e 227	9362	<u> </u>		

Customer Id: INCCRE Sample No.: WC0540535 Lab Number: 02543945 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 <u>Kevin.Marson@wearcheck.com</u>

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

RECOMMENDED A	CTIONS			
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



18 Dec 2022 Diag: Kevin Marson

WEAR



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 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

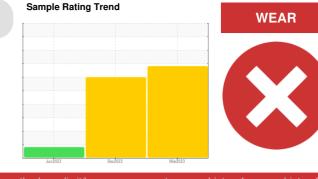
Lead ppm levels are severe. Iron ppm levels are abnormal.

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		WC0540535	WC0532618	WC0413453
Sample Date		Client Info		06 Mar 2023	18 Dec 2022	01 Jun 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	N/A
Sample Status				SEVERE	SEVERE	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		52		
Iron	ppm	ASTM D5185(m)	>100	🔺 115	58	26
Chromium	ppm	ASTM D5185(m)		1	<1	<1
Nickel	ppm	ASTM D5185(m)		5	1	<1
Titanium	ppm	ASTM D5185(m)		<1	<1	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)		6	2	2
Lead	ppm	ASTM D5185(m)	>15	e 227	9362	<u> </u>
Copper	ppm	ASTM D5185(m)	>35	4	1	2
Tin	ppm	ASTM D5185(m)		0	0	<1
Antimony	ppm	ASTM D5185(m)		<1	0	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	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)		1	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	4	2	1
Calcium	ppm	ASTM D5185(m)	0	5	16	3
Phosphorus	ppm	ASTM D5185(m)	215	316	341	332
Zinc	ppm	ASTM D5185(m)	0	4	5	5
Sulfur	ppm	ASTM D5185(m)	7039	7629	7675	3457
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	22	13	19
Sodium	ppm	ASTM D5185(m)		3	2	<1
Potassium	ppm	ASTM D5185(m)	>20	2	<1	1
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		0.51		



Acid Number

0.60

OIL ANALYSIS REPORT

