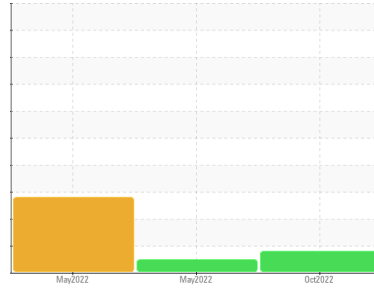




PROBLEM SUMMARY

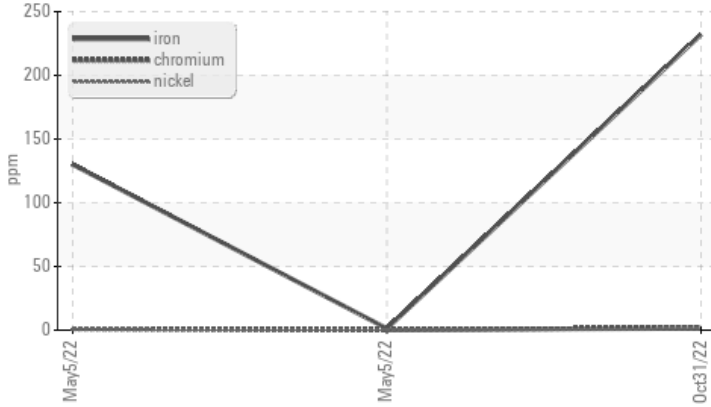
Area
Crushing
 Machine Id
VOITH FLUID COUPLING Conveyor,Belt,23-BC-1 (S/N 10566578)
 Component
Fluid Drive
 Fluid
ATF 3 (--- GAL)

Sample Rating Trend

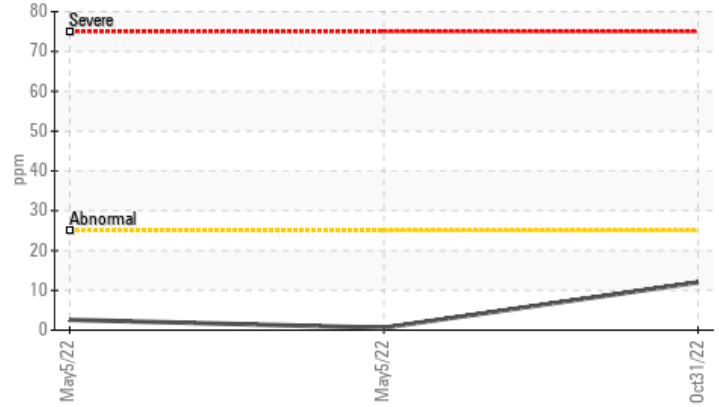


COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



Aluminum (ppm)



RECOMMENDATION

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. Please note that this is a corrected copy for data entry updates.

PROBLEMATIC TEST RESULTS

Sample Status		ABNORMAL	NORMAL	ABNORMAL	
Iron	ppm	ASTM D5185(m) >100	▲ 232	130	1

Customer Id: INCOCLARA
 Sample No.: WC0664279
 Lab Number: 02525838
 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
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	MISSED	Dec 10 2023	?	We recommend that you drain the fluid from the component if this has not already been done.
Resample	MISSED	Dec 10 2023	?	We recommend an early resample to monitor this condition.
Information Required	MISSED	Dec 10 2023	?	Please specify the component make and model with your next sample.
Check Dirt Access	MISSED	Dec 10 2023	?	We advise that you check all areas where dirt can enter the system.

HISTORICAL DIAGNOSIS

05 May 2022 Diag: Kevin Marson

NORMAL



Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is Mineral ATF. Please confirm the fluid type and grade, and specify the brand of the fluid on your next sample. Please note that this is a corrected copy for data entry updates. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



05 May 2022 Diag: Kevin Marson

DIRT



We advise that you check all areas where dirt can enter the system. We advise that you check for visible metal particles in the fluid. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. Please note that this is a corrected copy for data entry updates. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid. Light concentration of visible metal present. Moderate concentration of visible dirt/debris present in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

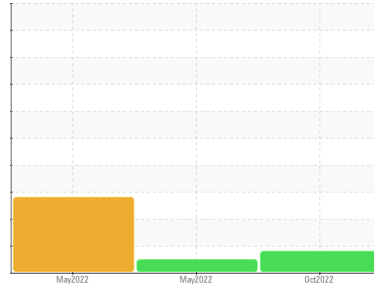
view report





OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area

Crushing

Machine Id

VOITH FLUID COUPLING Conveyor,Belt,23-BC-1 (S/N 10566578)

Component

Fluid Drive

Fluid

ATF 3 (--- GAL)

DIAGNOSIS

▲ Recommendation

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. Please note that this is a corrected copy for data entry updates.

▲ Wear

Iron ppm levels are abnormal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0664279	WC0532588	WC0532582
Sample Date	Client Info		31 Oct 2022	05 May 2022	05 May 2022
Machine Age	yrs	Client Info	0	0	0
Oil Age	yrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ABNORMAL	NORMAL	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		7	---	---
Iron	ppm	ASTM D5185(m) >100	▲ 232	130	1
Chromium	ppm	ASTM D5185(m) >10	2	1	0
Nickel	ppm	ASTM D5185(m) >10	<1	<1	0
Titanium	ppm	ASTM D5185(m)	<1	<1	0
Silver	ppm	ASTM D5185(m)	0	0	0
Aluminum	ppm	ASTM D5185(m) >25	12	3	<1
Lead	ppm	ASTM D5185(m) >50	2	3	1
Copper	ppm	ASTM D5185(m) >75	34	12	<1
Tin	ppm	ASTM D5185(m) >10	0	0	0
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

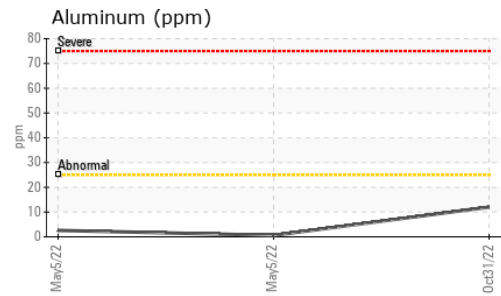
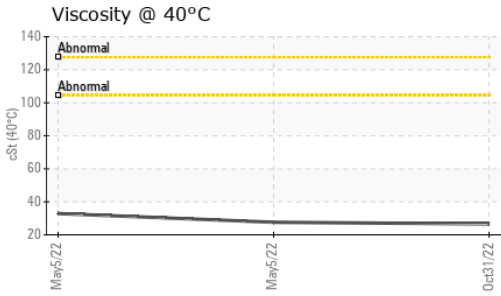
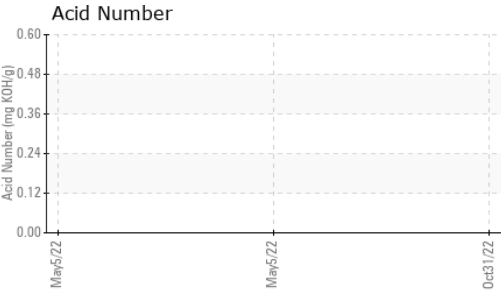
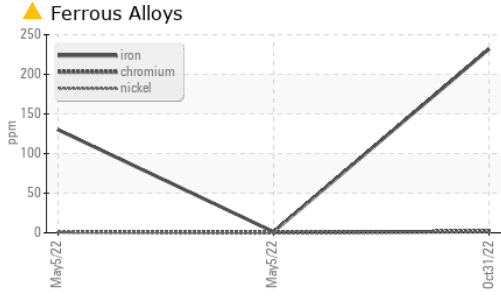
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	81	85	<1
Barium	ppm	ASTM D5185(m)	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	<1	0
Manganese	ppm	ASTM D5185(m)	1	<1	0
Magnesium	ppm	ASTM D5185(m)	3	6	0
Calcium	ppm	ASTM D5185(m)	91	87	39
Phosphorus	ppm	ASTM D5185(m)	239	223	287
Zinc	ppm	ASTM D5185(m)	28	20	320
Sulfur	ppm	ASTM D5185(m)	778	847	617
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >50	26	23	<1
Sodium	ppm	ASTM D5185(m)	6	4	0
Potassium	ppm	ASTM D5185(m) >20	<1	<1	<1



OIL ANALYSIS REPORT



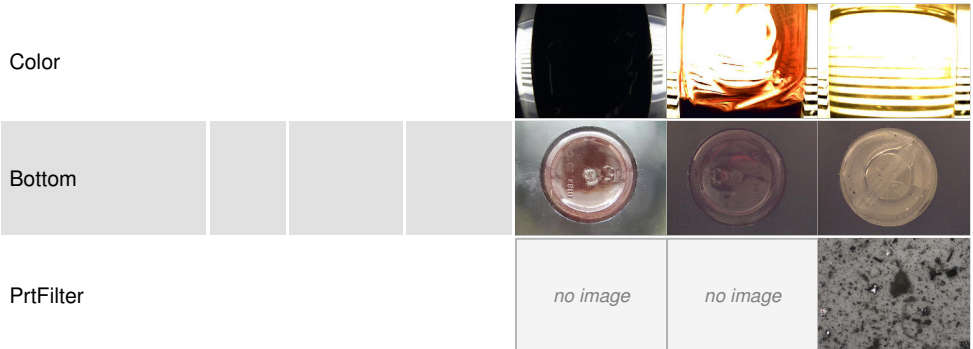
FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>10000	144480	---	---
Particles >6µm	ASTM D7647	>2500	91608	---	---
Particles >14µm	ASTM D7647	>320	2979	---	---
Particles >21µm	ASTM D7647	>80	329	---	---
Particles >38µm	ASTM D7647	>20	5	---	---
Particles >71µm	ASTM D7647	>4	0	---	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	24/24/19	---	---

FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D974*		0.56	---	---

VISUAL	method	limit/base	current	history1	history2
White Metal	scalar Visual*	NONE	VLITE	LIGHT	▲ 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	VLITE	NONE	VLITE
Sand/Dirt	scalar Visual*	NONE	NONE	NONE	▲ VLITE
Appearance	scalar Visual*	NORML	NORML	NORML	NORML
Odor	scalar Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar Visual*	>0.1	NEG	NEG	NEG
Free Water	scalar Visual*		NEG	NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D7279(m)		26.6	27.6	32.9

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0664279 **Received** : 30 Nov 2022
Lab Number : **02525838** **Diagnosed** : 11 Dec 2023
Unique Number : 5498836 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: PQ, PrtCount)

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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