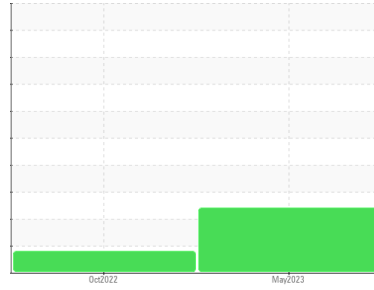




PROBLEM SUMMARY

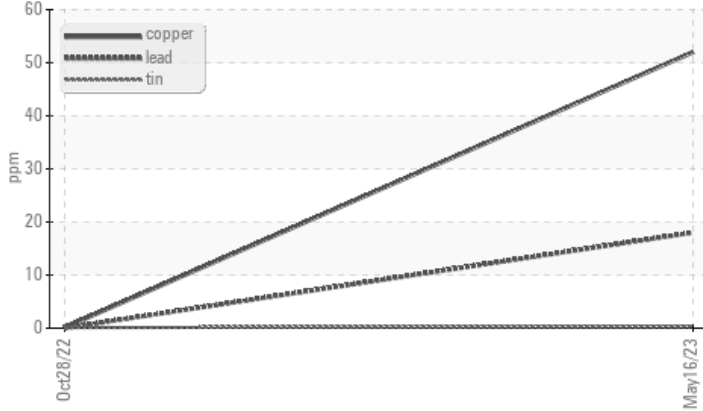
Sample Rating Trend



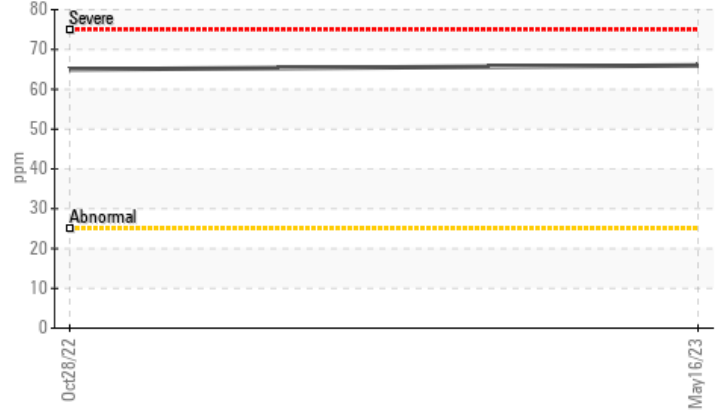
Area
TEC 10K [13228777]
 Machine Id
GARDNER DENVER S304403 - BHR RACKET STATION
 Component
Compressor

COMPONENT CONDITION SUMMARY

▲ Non-ferrous Metals



▲ Aluminum (ppm)



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. Please specify the brand, type, and viscosity of the oil on your next sample.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	---
Aluminum	ppm	ASTM D5185m	>25	▲ 66	▲ 65	---
Lead	ppm	ASTM D5185m	>25	▲ 18	0	---
Copper	ppm	ASTM D5185m	>50	▲ 52	<1	---

Customer Id: UCTOTSAI
 Sample No.: UCH05860226
 Lab Number: 05860226
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Angela Borella +1 800-237-1369
angela.borella@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 Fluid	---	---	?	We recommend that you drain the oil from the component if this has not already been done.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Information Required	---	---	?	Please specify the brand, type, and viscosity of the oil on your next sample.

HISTORICAL DIAGNOSIS

28 Oct 2022 Diag: Angela Borella

WEAR



The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The aluminum level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



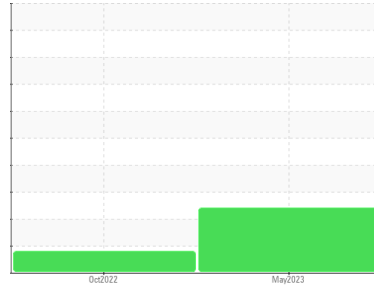


OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

Area
TEC 10K [13228777]
 Machine Id
GARDNER DENVER S304403 - BHR RACKET STATION
 Component
Compressor



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. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

Lead, aluminum and copper 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 INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCH05860226	UCH05692597	---
Sample Date	Client Info		16 May 2023	28 Oct 2022	---
Machine Age	hrs	Client Info	16196	14991	---
Oil Age	hrs	Client Info	4161	2956	---
Oil Changed	Client Info		N/A	Not Changd	---
Sample Status			ABNORMAL	ABNORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	20	18
Chromium	ppm	ASTM D5185m	>10	0	0
Nickel	ppm	ASTM D5185m		<1	0
Titanium	ppm	ASTM D5185m		0	0
Silver	ppm	ASTM D5185m		0	0
Aluminum	ppm	ASTM D5185m	>25	▲ 66	▲ 65
Lead	ppm	ASTM D5185m	>25	▲ 18	0
Copper	ppm	ASTM D5185m	>50	▲ 52	<1
Tin	ppm	ASTM D5185m	>15	<1	<1
Vanadium	ppm	ASTM D5185m		0	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	0
Magnesium	ppm	ASTM D5185m		<1	0
Calcium	ppm	ASTM D5185m		12	<1
Phosphorus	ppm	ASTM D5185m		426	443
Zinc	ppm	ASTM D5185m		90	4
Sulfur	ppm	ASTM D5185m		667	511

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	0
Sodium	ppm	ASTM D5185m		20	6
Potassium	ppm	ASTM D5185m	>20	6	0

FLUID DEGRADATION

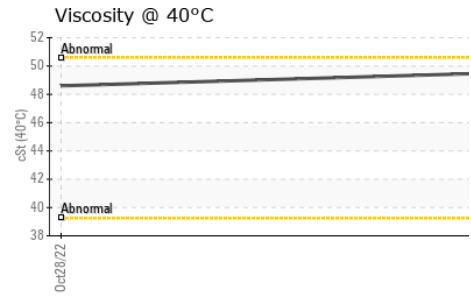
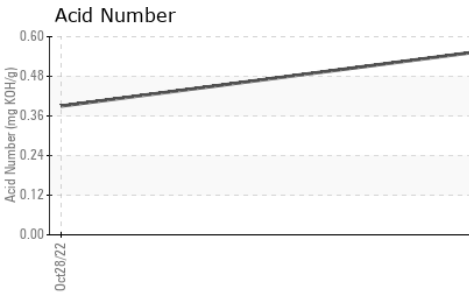
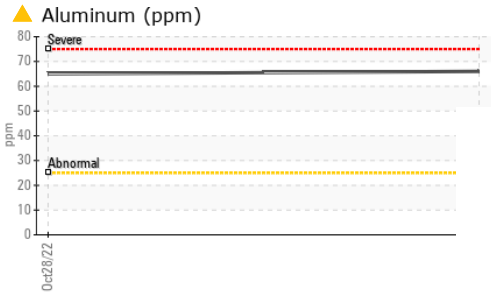
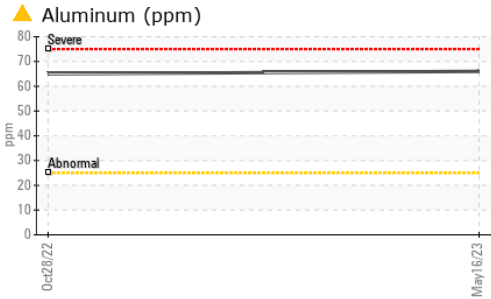
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.56	0.39

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

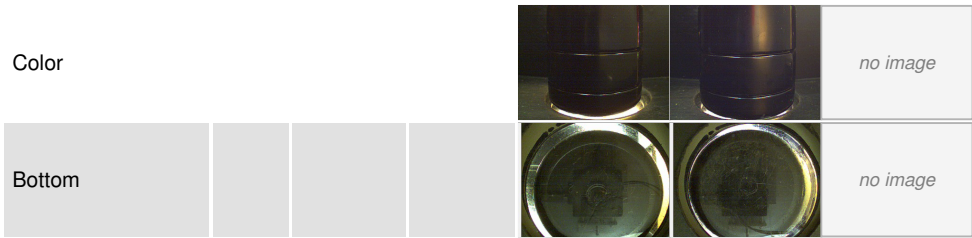


OIL ANALYSIS REPORT

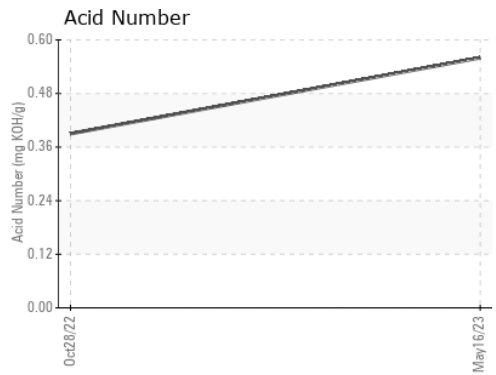
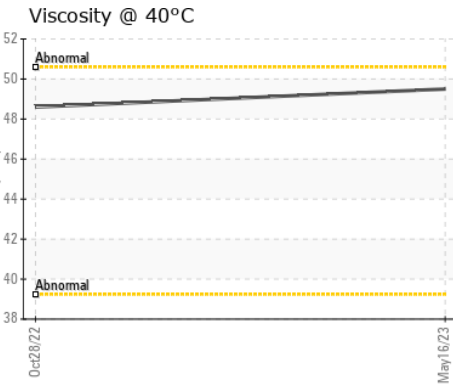
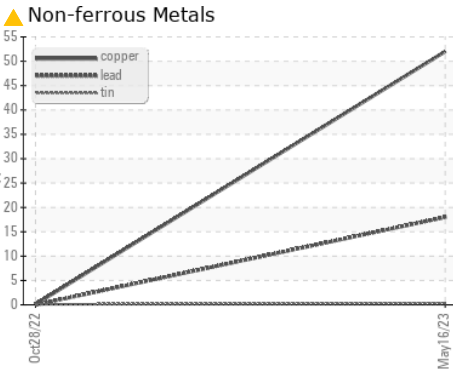
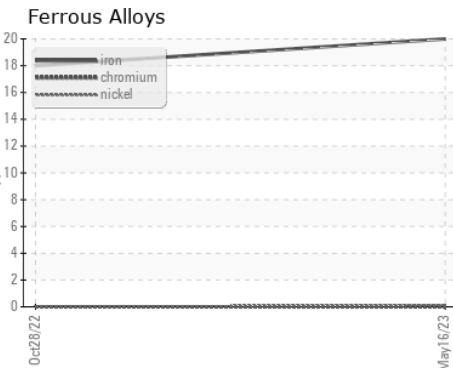


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		49.5	48.6	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05860226 **Received** : 30 May 2023
Lab Number : 05860226 **Diagnosed** : 01 Jun 2023
Unique Number : 10494691 **Diagnostician** : Angela Borella
Test Package : IND 2

TOTAL EQUIPMENT COMPANY
 200 SMILEY DR
 SAINT ALBANS, WV
 US 25177
 Contact:

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.

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

T:
F: