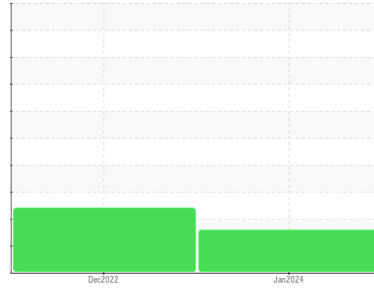




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
CR6626 - REAR
 Component
Left Outer Planetary
 Fluid
GEAR OIL ISO 220 (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

▲ Wear

Bearing and/or bushing wear is indicated.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The oil viscosity is higher than normal. Confirm oil type.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0809524	WC0556146	---
Sample Date	Client Info		25 Jan 2024	02 Dec 2022	---
Machine Age	hrs	Client Info	11006	10397	---
Oil Age	hrs	Client Info	0	794	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			ABNORMAL	ATTENTION	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	40	100	---
Chromium	ppm	ASTM D5185m >10	<1	0	---
Nickel	ppm	ASTM D5185m >10	0	0	---
Titanium	ppm	ASTM D5185m	<1	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	2	<1	---
Lead	ppm	ASTM D5185m >25	▲ 26	7	---
Copper	ppm	ASTM D5185m >75	▲ 151	47	---
Tin	ppm	ASTM D5185m >10	<1	0	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 50	<1	5	---
Barium	ppm	ASTM D5185m 15	0	0	---
Molybdenum	ppm	ASTM D5185m 15	<1	0	---
Manganese	ppm	ASTM D5185m	<1	2	---
Magnesium	ppm	ASTM D5185m 50	0	<1	---
Calcium	ppm	ASTM D5185m 50	2	13	---
Phosphorus	ppm	ASTM D5185m 350	273	378	---
Zinc	ppm	ASTM D5185m 100	190	54	---
Sulfur	ppm	ASTM D5185m 12500	4758	6334	---

CONTAMINANTS

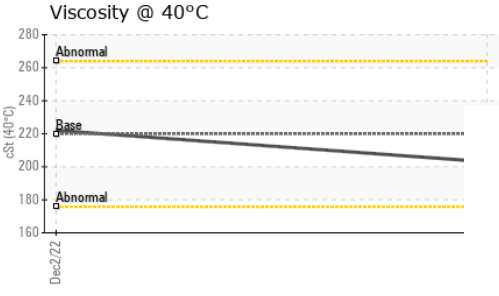
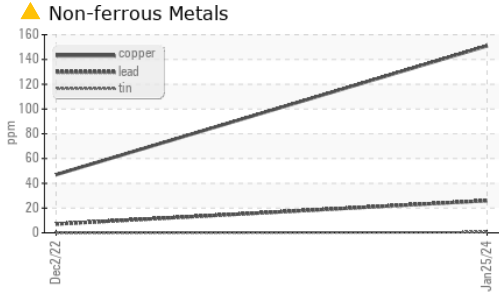
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	3	5	---
Sodium	ppm	ASTM D5185m	0	0	---
Potassium	ppm	ASTM D5185m >20	2	0	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	MODER	MODER	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	MODER	---
Debris	scalar	*Visual NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	▲ SOLID	---
Odor	scalar	*Visual NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual >0.2	NEG	0.2%	---
Free Water	scalar	*Visual	NEG	▲ >10%	---



OIL ANALYSIS REPORT



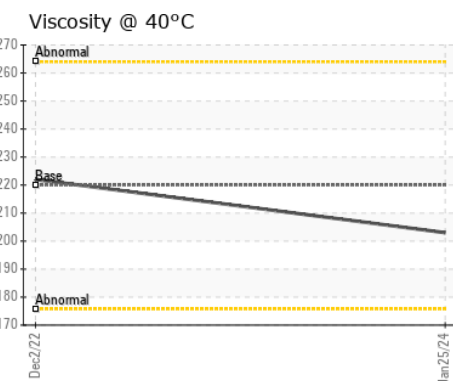
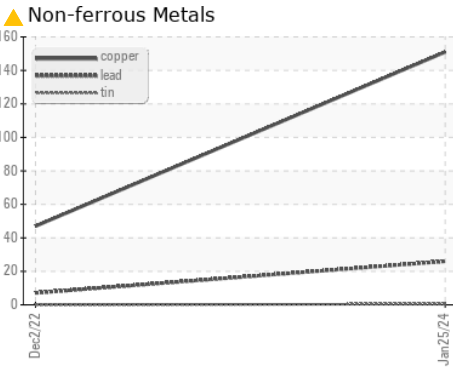
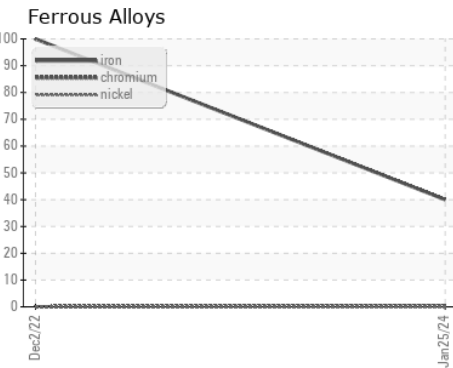
FLUID PROPERTIES

method	limit/base	current	history1	history2		
Visc @ 40°C	cSt	ASTM D445	220	203	222	---

SAMPLE IMAGES

method	limit/base	current	history1	history2	
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0809524 **Recieved** : 30 Jan 2024
Lab Number : **06074193** **Diagnosed** : 31 Jan 2024
Unique Number : 10856284 **Diagnostician** : Sean Felton
Test Package : CONST

BUCKNER HEAVY LIFT
 4732 NC 54 EAST
 GRAHAM, NC
 US 27253-9215
 Contact: MICHAEL LAWSON
 michael@bucknercompanies.com
 T: (336)376-8888
 F: (336)376-4090

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)