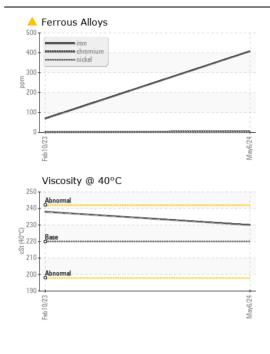
**WEAR** CONTAMINATION **FLUID CONDITION**  **ABNORMAL** NORMAL **NORMAL** 

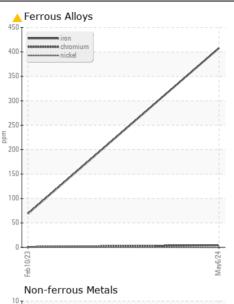
Machine Id

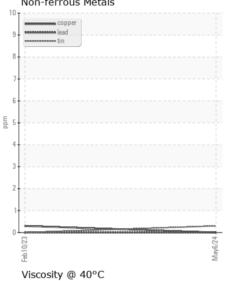
CR1211 - 4.1

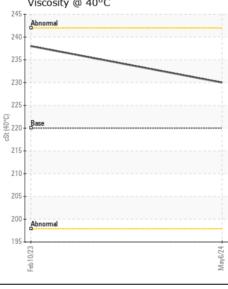
**Left Winch** 

RECOMMENDATION	Toot	LIONA	Motherd	Limit/Alas-	Cumant	Lliatamid	I lieta in iO
AECOMINIENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
The oil change at the time of sampling has been noted. We	Sample Number		Client Info		WC0922275		
recommend an early resample to monitor this condition.	Sample Date	lawa	Client Info		06 May 2024	10 Feb 2023	
	Machine Age	hrs	Client Info		8656	8363	
	Oil Age	hrs	Client Info		1000	818	
	Filter Age Oil Changed	hrs	Client Info		0 Changed	0 Changed	
	Filter Changed		Client Info		Changed Changed	-	
	Sample Status		Client into		ABNORMAL	Changed ABNORMAL	
<u></u>	Sample Status					ADNONIVIAL	
WEAR	Iron	ppm	ASTM D5185m	>150	<b>408</b>	69	
The iron level is abnormal.	Chromium	ppm	ASTM D5185m	>10	4	<1	
	Nickel	ppm	ASTM D5185m	>10	0	<1	
	Titanium	ppm	ASTM D5185m		<1	0	
	Silver	ppm	ASTM D5185m		0	0	
	Aluminum	ppm	ASTM D5185m	>5	1	<1	
	Lead	ppm	ASTM D5185m	>15	0	0	
	Copper	ppm	ASTM D5185m	>80	0	<1	
	Tin	ppm	ASTM D5185m		<1	0	
	Vanadium	ppm	ASTM D5185m		0	0	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION							
CONTAMINATION	Silicon	ppm	ASTM D5185m		12	<1	
There is no indication of any contamination in the oil.	Potassium	ppm			3	2	
	Water		WC Method	>0.2	NEG	NEG	
	Silt Debris	scalar	*Visual	NONE	NONE NONE	▲ MODER NONE	
		scalar	*Visual	NONE			
	Sand/Dirt	scalar	*Visual *Visual	NONE	NONE NORML	NONE SOLID	
	Appearance Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water		*Visual	>0.2	NEG	NEG	
<u></u>	Linuisined water		visuai	>0.2			
FLUID CONDITION	Sodium	ppm	ASTM D5185m		4	3	
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	50	1	0	
	Barium	ppm	ASTM D5185m	15	<1	0	
	Molybdenum	ppm	ASTM D5185m	15	0	<1	
	Manganese	ppm	ASTM D5185m		3	<1	
	Magnesium	ppm	ASTM D5185m	50	0	0	
	Calcium	ppm	ASTM D5185m	50	53	26	
	Phosphorus	ppm	ASTM D5185m	350	372	189	
	Zinc	ppm	ASTM D5185m	100	34	16	
	Sulfur	ppm	ASTM D5185m	12500	5223	3908	
	Visc @ 40°C	cSt	ASTM D445	220	230	238	













Certificate L2367

Laboratory Sample No.

Test Package : CONST

: WC0922275 Lab Number : 06174798 Unique Number : 11020851

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 09 May 2024 **Tested** : 10 May 2024

Diagnosed : 13 May 2024 - Angela Borella **BUCKNER HEAVY LIFT** 4732 NC 54 EAST

GRAHAM, NC US 27253-9215

Contact: MICHAEL LAWSON michaell@bucknercompanies.com

T: (336)376-8888

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) F: (336)376-4090

Contact/Location: MICHAEL LAWSON - BUCGRA