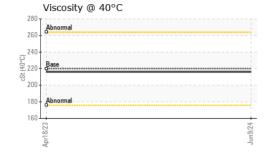
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

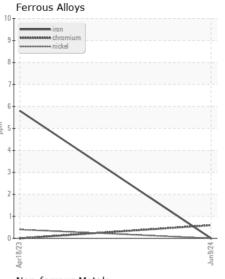
Machine Id

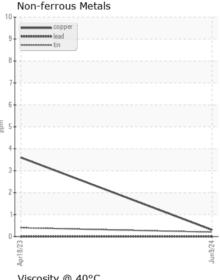
CR1221 - INNER

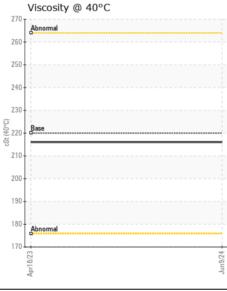
Rear Left Planetary

Test Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium	hrs hrs hrs ppm ppm	Method Client Info ASTM D5185m ASTM D5185m		Current WC0936101 09 Jun 2024 3207 1000 0 Changed N/A NORMAL	History1 WC0761654 18 Apr 2023 2157 0 Changed Changed NORMAL	History2
Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel	hrs hrs	Client Info Client Info Client Info Client Info Client Info Client Info		09 Jun 2024 3207 1000 0 Changed N/A	18 Apr 2023 2157 0 0 Changed Changed	
Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel	hrs hrs	Client Info Client Info Client Info Client Info Client Info		3207 1000 0 Changed N/A	2157 0 0 Changed Changed	
Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel	hrs hrs	Client Info Client Info Client Info Client Info ASTM D5185m		1000 0 Changed N/A	0 0 Changed Changed	
Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel	ppm ppm	Client Info Client Info Client Info		0 Changed N/A	0 Changed Changed	
Oil Changed Filter Changed Sample Status Iron Chromium Nickel	ppm	Client Info Client Info ASTM D5185m		Changed N/A	Changed Changed	
Filter Changed Sample Status Iron Chromium Nickel	ppm	Client Info ASTM D5185m		N/A	Changed	
Sample Status Iron Chromium Nickel	ppm	ASTM D5185m				
Iron Chromium Nickel	ppm			NORMAL		
Chromium Nickel	ppm					
Nickel		ASTM D5185m		0	6	
	nnm		>10	<1	0	
Titanium	PPIII	ASTM D5185m	>10	0	<1	
	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	3	<1	
Lead				0	0	
Copper		ASTM D5185m	>75	<1	4	
Tin		ASTM D5185m	>10	<1	<1	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	MODER	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm			0	<1	
Potassium	ppm	ASTM D5185m	>20	1	3	
Water		WC Method	>0.2	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Sodium	maa	ASTM D5185m		2	1	
			50		<1	
Manganese		ASTM D5185m		0	<1	
			50		2	
Calcium				0	0	
-					0	
	Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus ppm Zinc ppm Sulfur ppm	Aluminum ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Potassium ppm ASTM D5185m Water WC Method Silt scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Codor scalar *Visual Emulsified Water scalar *Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Barium ppm ASTM D5185m Molybdenum ppm ASTM D5185m Manganese ppm ASTM D5185m Manganese ppm ASTM D5185m Calcium ppm ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Calcium ppm ASTM D5185m ASTM D5185m Calcium ppm ASTM D5185m	Aluminum ppm ASTM D5185m >25 Lead ppm ASTM D5185m >25 Copper ppm ASTM D5185m >75 Tin ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >10 White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >75 Potassium ppm ASTM D5185m >20 Water WC Method >0.2 Silt scalar *Visual NONE Debris scalar *Visual NONE Sand/Dirt scalar *Visual NORML Appearance scalar *Visual NORML Odor scalar *Visual NORML Emulsified Water scalar *Visual NORML Boron ppm ASTM D5185m 50 Barium ppm ASTM D5185m 15 <td>Aluminum ppm ASTM D5185m >25 3 Lead ppm ASTM D5185m >25 0 Copper ppm ASTM D5185m >75 <1</td> Tin ppm ASTM D5185m >10 <1 Vanadium ppm ASTM D5185m >10 <1 Vanadium ppm ASTM D5185m >10 NONE White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >20 1 Water WC Method >0.2 NEG Silt scalar *Visual NONE NONE None NONE NONE NONE NONE Sand/Dirt scalar *Visual NORM NORML Appearance scalar *Visual NORML NORML Codor scalar *Visual NORML NORML Emulsif <td>Aluminum ppm ASTM D5185m >25 3 <1</td>	Aluminum ppm ASTM D5185m >25 3 Lead ppm ASTM D5185m >25 0 Copper ppm ASTM D5185m >75 <1	Aluminum ppm ASTM D5185m >25 3 <1











Certificate L2367

Laboratory Sample No.

: WC0936101 Lab Number : 06210537 Unique Number : 11083401 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 14 Jun 2024 **Tested** : 17 Jun 2024 Diagnosed

: 17 Jun 2024 - Wes Davis

BUCKNER HEAVY LIFT 4732 NC 54 EAST GRAHAM, NC

US 27253-9215

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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)