WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

Machine Id

**CR3312** 

## Component Diesel Engine

<b>-</b> .				۱ ۱		
	UOM		Limit/Abn			History2
						WC081037
	In one					14 Jun 2020
						9364
						0
•	IIIS					Changed
_						Changed
Sample Status		Client inio		NORMAL	NORMAL	NORMAL
		AOTA DE LOS	400			
						<1
						0
			>4			0
			0			0
						0
						7
				-		0
						<1
			>15			0
			NONE	-		0 NONE
						NONE
Silicon	ppm			6	6	4
Potassium	ppm					1
						<1.0
			>0.2			NEG
•						NEG
						0.1
						6.5
						20.7
						NONE
						NONE
						NONE
						NORM
						NORM NEG
	ppm					2
						179
						0
•			100			4
			450			0
•						170
						2152
						1053
						1319
						4483
Oxidation	Abs/.1mm	"ASTM D/414	>25	17.8	10.3	16.3
Base Number (BN)	m= 1/011/	ACTM DODGO	0.5	6.0	5.7	8.0
	Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status  Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/.1mm Silt scalar Debris scalar Sand/Dirt scalar Appearance ocalar Emulsified Water scalar Sodium ppm Boron ppm Boron ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus Zinc ppm Sulfur ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info Clie	Sample Number   Client Info   Sample Date   Client Info   Machine Age   hrs   Client Info   Oil Age   hrs   Client Info   Oil Age   hrs   Client Info   Oil Changed   Client Info   Client Info   Client Info   Oil Changed   Client Info   Client Info   Sample Status   Samp	Sample Number         Client Info         WC0923020           Sample Date         Client Info         13 Jun 2024           Machine Age         hrs         Client Info         500           Oil Age         hrs         Client Info         500           Filter Age         hrs         Client Info         0           Oil Changed         Client Info         Changed           Filter Changed         Client Info         Changed           Sample Status         Client Info         Changed           Iron         ppm         ASTM D5185m         -100         4           Chromium         ppm         ASTM D5185m         -20         0           Nickel         ppm         ASTM D5185m         -4         0           Titanium         ppm         ASTM D5185m         -3         0           Aluminum         ppm         ASTM D5185m         -30         1           Copper         ppm         ASTM D5185m         -20         1           Lead         ppm         ASTM D5185m         -20         1           Lead         ppm         ASTM D5185m         -15         0           Copper         ppm         ASTM D5185m         -15	Sample Number   Client Info   Sample Date   Client Info   13 Jun 2024   17 Oct 2023   Machine Age   hrs   Client Info   11130   9974   11130







Certificate L2367

Report Id: BUCGRA [WUSCAR] 06212885 (Generated: 06/21/2024 22:46:10) Rev: 1

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0923020 Lab Number : 06212885

Unique Number: 11085749 Test Package : CONST ( Additional Tests: TBN )

Received **Tested** Diagnosed

: 19 Jun 2024

: 19 Jun 2024 - Wes Davis

: 17 Jun 2024

**BUCKNER HEAVY LIFT** 4732 NC 54 EAST GRAHAM, NC

US 27253-9215 Contact: MICHAEL LAWSON michaell@bucknercompanies.com

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. T: (336)376-8888 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (336)376-4090