WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

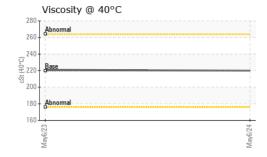
Machine Id

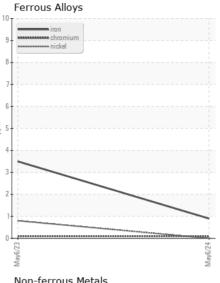
CR1211

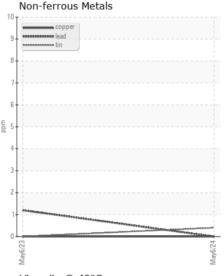
Component
2 Swing Drive

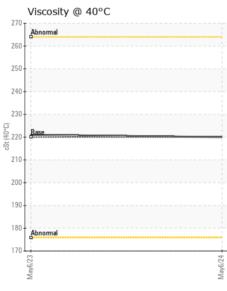
GEAR OIL ISO 220 (--- GAL)

Toot	11014	Made - 1	Line St. (A)	(118-2	I Baka - 2
	UOM		Limit/Abn			History2
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3					-	
					-	
· ·	hrs				_	
_					-	
		Client Info			_	
Sample Status				NORMAL	ATTENTION	
Iron	ppm	ASTM D5185m	>400	<1	4	
Chromium	ppm	ASTM D5185m	>10	<1	<1	
Nickel	ppm	ASTM D5185m	>10	0	<1	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	0	0	
Lead	ppm	ASTM D5185m	>50	0	1	
Copper	ppm	ASTM D5185m	>200	0	0	
Tin	ppm	ASTM D5185m	>10	<1	0	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>50	<1	<1	
Potassium	ppm	ASTM D5185m	>20	<1	2	
Water		WC Method	>0.2	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	analar					
Janu/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NONE	NONE NORML	NONE SOLID	
Appearance	scalar scalar	*Visual	NORML	NORML	SOLID	
Appearance Odor Emulsified Water	scalar scalar scalar	*Visual *Visual *Visual	NORML NORML	NORML NORML NEG	SOLID NORML NEG	
Appearance Odor Emulsified Water Sodium	scalar scalar scalar ppm	*Visual *Visual *Visual ASTM D5185m	NORML NORML >0.2	NORML NORML NEG	SOLID NORML NEG	
Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m	NORML NORML >0.2	NORML NORML NEG 0	SOLID NORML NEG <1 <1	
Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NORML NORML >0.2 50	NORML NORML NEG 0 9	SOLID NORML NEG <1 <1 0	
Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NORML NORML >0.2 50	NORML NORML NEG 0 9 <1	SOLID NORML NEG <1 <1 0 0	
Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML NORML >0.2 50 15	NORML NORML NEG 0 9 <1 0 <1	SOLID NORML NEG <1 <1 0 0 <1	
Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML NORML >0.2 50 15 15	NORML NORML NEG 0 9 <1 0 <1 0	SOLID NORML NEG <1 <1 0 0 <1 <1 <1	
Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual ASTM D5185m	NORML NORML >0.2 50 15 15 50	NORML NORML NEG 0 9 <1 0 <1 0 5	SOLID NORML NEG <1 <1 0 0 <1 <1 <1 23	
Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual ASTM D5185m	NORML NORML >0.2 50 15 15 50 50 350	NORML NORML NEG 0 9 <1 0 <1 0 5 393	SOLID NORML NEG <1 <1 0 0 <1 <1 <1 23 189	
Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual ASTM D5185m	NORML NORML >0.2 50 15 15 50 50 350 100	NORML NORML NEG 0 9 <1 0 <1 0 5	SOLID NORML NEG <1 <1 0 0 <1 <1 <1 23	
	Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris	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 Water Silicon ppm Potassium ppm Water Silt scalar Debris scalar	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Lead Ppm ASTM D5185m Copper Ppm ASTM D5185m Tin Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Valad *Visual Silicon Ppm ASTM D5185m Valad *Visual Silt Scalar *Visual *Visual Potassium Potassium Ppm ASTM D5185m Valad *Visual *Visual Potassium Potassium Potassium Ppm ASTM D5185m Valad *Visual *Visual *Visual *Visual *Visual *Visual *Visual	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Info Oil Age hrs Client Info Oil Changed Client Info Oil Changed Client Info Filter Changed Sample Status Iron Ppm ASTM D5185m ASTM D5185m ASTM D5185m Silver Ppm ASTM D5185m ASTM D5185m Aluminum Ppm ASTM D5185m ASTM D5185m Aluminum Ppm ASTM D5185m ASTM D51	Sample Number Client Info WC0922271 Sample Date Client Info 06 May 2024 Machine Age hrs Client Info 8656 Oil Age hrs Client Info 1000 Filter Age hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status NORMAL Iron ppm ASTM D5185m >400 <1	Sample Number Client Info WC0922271 WC0803295 Sample Date Client Info 06 May 2024 06 May 2023 Machine Age hrs Client Info 8656 0 Oil Age hrs Client Info 1000 0 Filter Age hrs Client Info 0 0 Oil Changed Client Info Changed Changed Filter Changed Client Info Changed Changed Sample Status NORMAL ATTENTION Iron ppm ASTM D5185m >400 <1











Certificate L2367

Laboratory Sample No.

Lab Number : 06174805 Unique Number : 11020858 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0922271

Received : 09 May 2024 **Tested** Diagnosed

: 10 May 2024 : 10 May 2024 - Wes Davis **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