WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

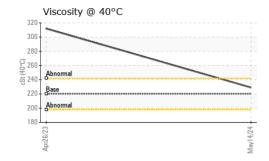
Machine Id

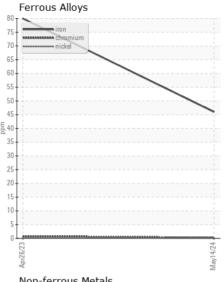
HC2207 - FRONT

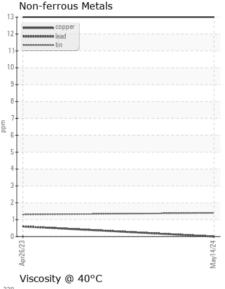
1 Winch

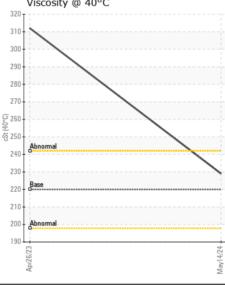
GEAR OIL ISO 220 (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0936020	WC0784926	
Sample Date		Client Info		14 May 2024	26 Apr 2023	
Machine Age	hrs	Client Info		8388	7638	
Oil Age	hrs	Client Info		750	974	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		Not Changd	Changed	
Sample Status				NORMAL	ABNORMAL	
- Lucius		AOTA DEADE	450	40	00	
			>10			
			_			
			>80			
					-	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>25	2	3	
Potassium	ppm	ASTM D5185m	>20	0	2	
Water		WC Method	>0.2	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	LIGHT	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	NEG	
Sodium	ppm	ASTM D5185m		<1	2	
			50			
Molybdenum	ppm	ASTM D5185m		2	0	
,		ASTM D5185m		1	2	
Manganese	ppm					
Manganese Magnesium	ppm	ASTM D5185m	50	0	4	
	ppm	ASTM D5185m ASTM D5185m		0 4	4 8	
Magnesium			50			
Magnesium Calcium	ppm	ASTM D5185m	50 350	4	8	
Magnesium Calcium Phosphorus	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	50 350	4 703	8 ^ 1102	
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	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 Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Cdor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm	Sample Number Sample Date Client Info Machine Age Dilent Info Oil Age Client Info Oil Age Client Info Oil Changed Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Ch	Sample Number Sample Date Client Info Machine Age hrs Client Info Cil Age hrs Client Info Client Info Client Info Client Info Filter Age hrs Client Info Client Info Client Info Client Info Filter Changed Client Info Filter Changed Sample Status Iron ppm ASTM D5185m >10 Chromium ppm ASTM D5185m >10 Nickel ppm ASTM D5185m Silver ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium Vellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >25 Potassium ppm ASTM D5185m >20 Water WC Method >0.2 Silt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Sand/Dirt scalar *Visual NORML Scalar *Visual NORML Sand/Dirt Scalar *Visual NORML	Sample Number Client Info WC0936020 Sample Date Client Info 14 May 2024 Machine Age hrs Client Info 8388 Oil Age hrs Client Info 750 Filter Age hrs Client Info O Oil Changed Client Info Changed Filter Changed Client Info Not Changed Filter Changed Client Info Not Changed Filter Changed Client Info Not Changed Sample Status NORMAL NORMAL Iron ppm ASTM D5185m >150 46 Chromium ppm ASTM D5185m >10 <1	Sample Number Client Info WC0936020 WC0784926 Sample Date Client Info 14 May 2024 26 Apr 2023 Machine Age hrs Client Info 8388 7638 Oil Age hrs Client Info 750 974 Filter Age hrs Client Info 0 0 Oil Changed Client Info Changed Changed Filter Changed Client Info Not Changed Changed Sample Status NORMAL ABNORMAL Iron ppm ASTM D5185m >150 46 80 Chromium ppm ASTM D5185m >10 <1











Certificate L2367

Laboratory Sample No.

Lab Number : 06191365 Unique Number : 11048117 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0936020 Received

Tested Diagnosed

: 28 May 2024 : 29 May 2024 - Sean Felton

: 24 May 2024

BUCKNER HEAVY LIFT 4732 NC 54 EAST GRAHAM, NC US 27253-9215

Contact: MICHAEL LAWSON michaell@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)