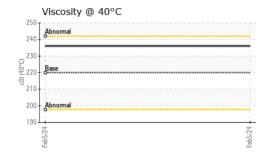
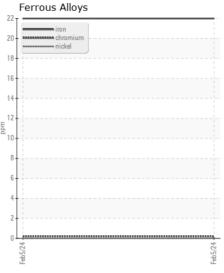
WEAR CONTAMINATION FLUID CONDITION

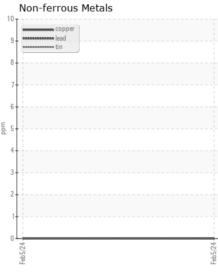
NORMAL NORMAL

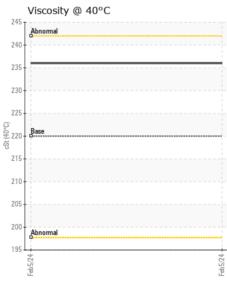
Machine Id
CR1229
Component
2 Winch
Fluid

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		WC0809528		
	Sample Date		Client Info		05 Feb 2024		
	Machine Age	hrs	Client Info		3049		
	Oil Age	hrs	Client Info		0		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		Changed		
	Filter Changed		Client Info		Changed		
	Sample Status				NORMAL		
VEAR	Iron	ppm	ASTM D5185m	>150	22		
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		 <1		
	Nickel	ppm	ASTM D5185m		0		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>5	0		
	Lead	ppm	ASTM D5185m	>15	0		
	Copper	ppm	ASTM D5185m	>80	0		
	Tin	ppm	ASTM D5185m		0		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	0		
	Potassium	ppm	ASTM D5185m		2		
There is no indication of any contamination in the oil.	Water	PP	WC Method	>0.2	- NEG		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.2	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185m		<1		
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	50	0		
	Barium	ppm	ASTM D5185m		<1		
	Molybdenum	ppm	ASTM D5185m		0		
	Manganese	ppm	ASTM D5185m		<1		
	Magnesium	ppm	ASTM D5185m	50	0		
	Calcium	ppm	ASTM D5185m	50	0		
	Phosphorus	ppm	ASTM D5185m	350	296		
	Zinc	ppm	ASTM D5185m	100	10		
	Sulfur	ppm	ASTM D5185m	12500	4211		
	Visc @ 40°C	cSt	ASTM D445	220	236		











Certificate L2367

Laboratory Sample No.

: WC0809528 Lab Number : 06083984 Unique Number: 10871429 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 08 Feb 2024 : 09 Feb 2024 **Tested** Diagnosed

: 11 Feb 2024 - Don Baldridge

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)