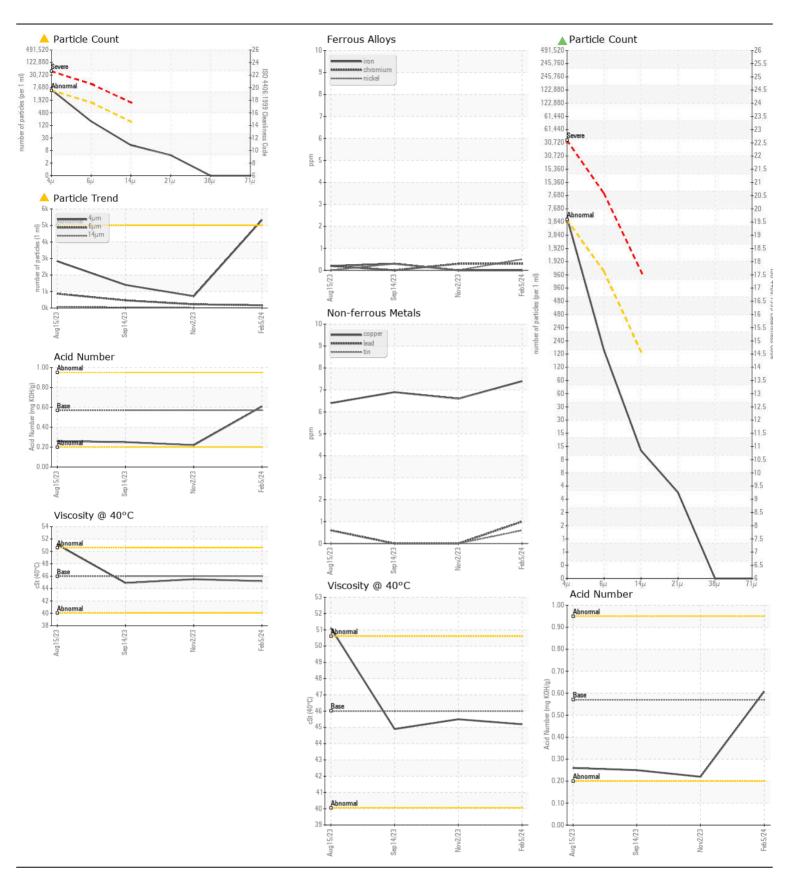
**WEAR** CONTAMINATION **FLUID CONDITION** 

**NORMAL** ATTENTION **NORMAL** 

## **AMERICAN BALER**

Component Hydraulic System

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PTK0005345	PTK0004674	PTK0004664
Sample Date		Client Info		05 Feb 2024	02 Nov 2023	14 Sep 202
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>20	0	0	<1
Chromium	ppm	ASTM D5185m	>10	<1	<1	0
Nickel	ppm	ASTM D5185m	>10	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>10	1	2	0
Lead	ppm	ASTM D5185m	>10	1	0	0
Copper	ppm	ASTM D5185m	>75	7	7	7
Tin	ppm		>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	<1	0	0
Potassium	ppm	ASTM D5185m	>20	<1	1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4μm		ASTM D7647	>5000	<b>5338</b>	713	1401
Particles >6µm		ASTM D7647	>1300	165	225	463
Particles >14μm		ASTM D7647	>160	12	17	43
Particles >21µm		ASTM D7647	>40	4	4	8
Particles >38µm				0	0	0
				-		0
						18/16/1
						NONE
				-		NONE
						NONE
						NORM
						NORM
Emuisined water	scalar	visuai	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		0	0	0
Boron	ppm			0	0	0
Barium	ppm			0	0	0
Molybdenum	ppm		5	<1	0	<1
-	ppm			<1		0
•	ppm					<1
Calcium	ppm	ASTM D5185m		85	54	55
- ·		ASTM D5185m	300	304	300	340
Phosphorus	ppm					
Zinc	ppm	ASTM D5185m	370	435	432	473
			370			
	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 Particles >4µm Particles >5µm Particles >5µm Particles >71µm Oil Cleanliness Silt Debris Sand/Dirt Appearance Odor Emulsified Water  Sodium Boron Barium Molybdenum Manganese Magnesium	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status  Iron Chromium Nickel ppm Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Particles >4µm Particles >51µm Particles >71µm Oil Cleanliness Silt Sand/Dirt Saparance Odor Scalar Sodium Pom Boron Barium Pom Manganese Magnesium Phrs Simple Pom Mrs Sample Pom Noil Cleanliness Silt Scalar	Sample Number Sample Date Machine Age Nrs Client Info Cilent Info Oil Age Nrs Client Info	Sample Number Sample Date  Machine Age Oil Age hrs Client Info Oil Age hrs Client Info Oil Clanged Filter Age Oil Changed Filter Changed Sample Status  Iron Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Silver Aluminum Ppm ASTM D5185m ASTM D5185m ASTM D5185m Silver Appearance Particles >4µm Particles >14µm Particles >14µm Particles >21µm Particles >21µm Particles >21µm Particles >21µm Particles >21µm Particles >38µm Particles >21µm Particles >38µm Particles >21µm Particles >21µm Particles >21µm Particles >220 Potassium Porticles >38µm Particles >24µm Particles >24µm Particles >24µm Particles >38µm Particles >24µm Particles >38µm Particles >24µm Particles >38µm Particles >50µm	Sample Number Sample Date         Client Info         PTK0005345           Sample Date Machine Age         hrs         Client Info         05 Feb 2024           Machine Age         hrs         Client Info         0           Oil Age         hrs         Client Info         0           Filter Age         Client Info         Changed           Filter Changed Sample Status         Client Info         N/A           Iron         ppm         ASTM D5185m         >20         0           Chromium         ppm         ASTM D5185m         >10         <1	Sample Number   Client Info   Sample Date   Client Info   05 Feb 2024   02 Nov 2023





Certificate L2367

Laboratory Sample No.

Lab Number : 06087213 Unique Number: 10874658

: PTK0005345 Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 13 Feb 2024 **Tested** : 16 Feb 2024

: 16 Feb 2024 - Wes Davis Diagnosed

**GREAT NORTHERN CORP** 8600 WYOMING AVE N

BROOKLYN PARK, MN US 55445

Contact: Service Manager

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)

T: F: