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

**NORMAL NORMAL NORMAL** 

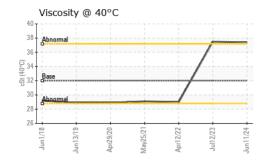
Machine Id

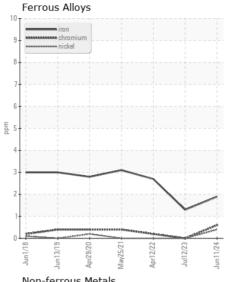
## SIMON LTI SERVICE 1

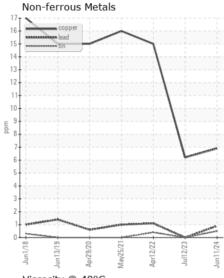
Hydraulic System

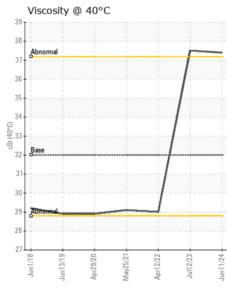
AW HYDRAIII IC OIL ISO 32 (-\_ OTS\

				/		
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0938814	WC0826491	WC065802
Sample Date		Client Info		11 Jun 2024	12 Jul 2023	12 Apr 202
Machine Age	hrs	Client Info		0	0	1032
Oil Age	hrs	Client Info		0	0	1032
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	mag	ASTM D5185m	>20	2	1	3
					0	<1
						0
			7.0			0
						<1
			>10			<1
						1
		ASTM D5185m	>75	7	6	15
Tin		ASTM D5185m	>10	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	nnm	ASTM D5185m	>20	4	3	4
						0
	PPIII					NEG
	scalar					NONE
						NONE
						NONE
Appearance					NORML	NORM
Odor	scalar	*Visual		NORML	NORML	NORM
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Sodium	nnm	ASTM D5185m		3	4	8
			5			1
						4
						<1
•						0
			25			33
					105	197
						406
Zinc	ppm	ASTM D5185m		518	485	461
	1.1		-		_	
Sulfur	ppm	ASTM D5185m	2500	1886	2108	2057
	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 Molybdenum Manganese Magnesium Calcium Phosphorus	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 Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus	Sample Date Machine Age Oil Age hrs Client Info Oil Age hrs Client Info Filter Age Oil Changed Filter Changed Sample Status  Iron Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal Scalar Yellow Metal Silicon Silt Silicon ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Visual Silicon ppm ASTM D5185m Visual Scalar Yellow Metal Scalar Silicon ppm ASTM D5185m Vater WC Method Silt Scalar Scala	Sample Date Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Cilent Info Filter Age hrs Client Info Client Info Client Info Client Info Filter Changed Client Info Filter Changed Client Info Sample Status  Iron ppm ASTM D5185m Sample Status  Iron Ppm ASTM D5185m Silver ppm ASTM D5185m Silver ppm ASTM D5185m ASTM D5185m Silver ppm ASTM D5185m White Metal Scalar Yvisual NONE Silicon Ppm ASTM D5185m Yellow Metal Scalar Yvisual NONE Silt Scalar Yvisual NONE Silt Scalar Scalar Visual NONE Appearance Scalar Scalar Avisual NONE Appearance Scalar ASTM D5185m Sodium ASTM D5185m ASTM D5	Sample Date         Client Info         11 Jun 2024           Machine Age         hrs         Client Info         0           Oil Age         hrs         Client Info         0           Filter Age         hrs         Client Info         0           Oil Changed         Client Info         N/A           Filter Changed         Client Info         N/A           Sample Status         NORMAL           Iron         ppm         ASTM D5185m         >20         2           Chromium         ppm         ASTM D5185m         >10         <1	Sample Date         Client Info         11 Jun 2024         12 Jul 2023           Machine Age         hrs         Client Info         0         0           Oil Age         hrs         Client Info         0         0           Filter Age         hrs         Client Info         N/A         N/A           Oil Changed         Client Info         N/A         N/A           Filter Changed         Client Info         N/A         N/A           Sample Status         Client Info         N/A         N/A           NORMAL         NORMAL         NORMAL           Iron         ppm         ASTM D5185m         >10         <1         0           Chromium         ppm         ASTM D5185m         >10         <1         0           Nickel         ppm         ASTM D5185m         >10         <1         0           Silver         ppm         ASTM D5185m         >10         <1         0           Silver         ppm         ASTM D5185m         >10         <1         0           Lead         ppm         ASTM D5185m         >10         <1         0           Copper         ppm         ASTM D5185m         >10         <1         <











Certificate L2367

Laboratory Sample No.

: WC0938814 Lab Number : 06222751 Unique Number : 11100948 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 27 Jun 2024 **Tested** : 28 Jun 2024

Diagnosed : 28 Jun 2024 - Wes Davis

Contact: DWAINE BOURKE

**WALNUT GROVE FIRE DEPT** 

540 N WASHINGTON

WALNUT GROVE, MO

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: (417)788-2670 F:

US 65770