WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

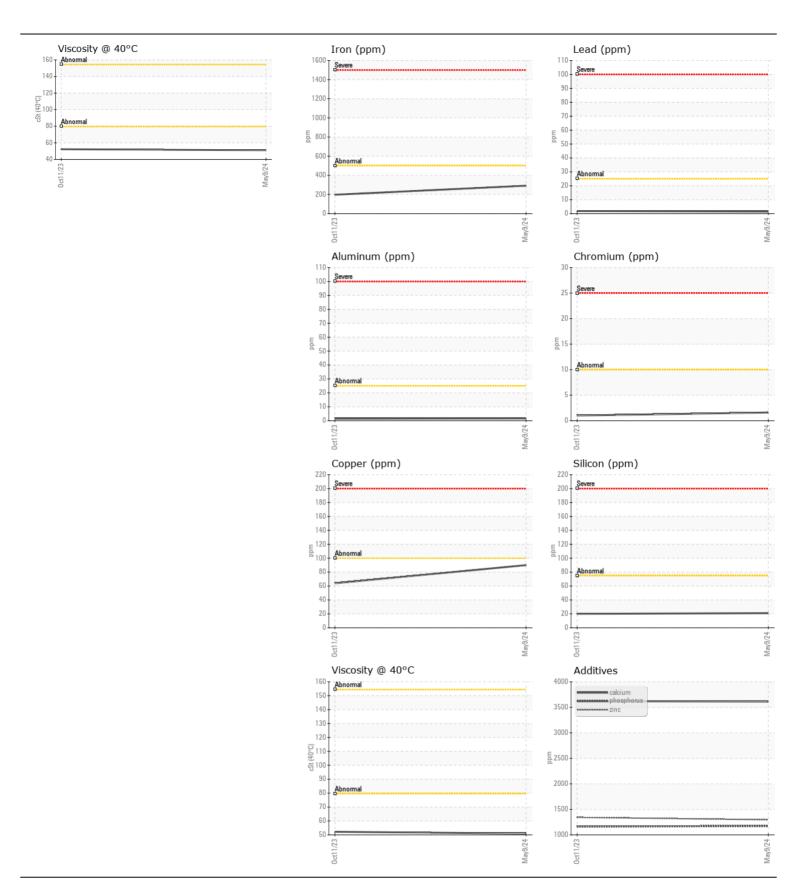
Machine Id

## DWGCWLECAM1010122

Rear Differential

SHELL UTTO (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0890780	WC0852013	
Sample Date		Client Info		09 May 2024	11 Oct 2023	
Machine Age	hrs	Client Info		3000	2026	
Oil Age	hrs	Client Info		1500	500	
Filter Age	hrs	Client Info		0	500	
Oil Changed		Client Info		Changed	Not Changd	
Filter Changed		Client Info		N/A	Not Changd	
Sample Status				NORMAL	NORMAL	
		AOTM DE40E()	500	004	407	
		. ,				
		. ,	>10			
			- 25			
		, ,				
			>10			
			NONE			
	Scalai	visuai	INOINL	· · · · · · · · · · · · · · · · · · ·	V L I I L	
Silicon	ppm	ASTM D5185(m)	>75	21	20	
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	
Water		WC Method	>.2	NEG	NEG	
Silt	scalar	Visual*	NONE	NONE	NONE	
Debris	scalar	Visual*	NONE	NONE	NONE	
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	
Appearance	scalar	Visual*	NORML	NORML	NORML	
Odor	scalar	Visual*	NORML	NORML	NORML	
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	
Sodium	nnm	ASTM D5185(m)		7	7	
Molybdenum	ppm	ASTM D5185(m)		- <1	<1	
		ASTM D5185(m)		13	11	
Manganese	ppm					
Manganese Magnesium	ppm			27	26	
Magnesium	ppm	ASTM D5185(m) ASTM D5185(m)		27 3609	26 3620	
Magnesium Calcium		ASTM D5185(m) ASTM D5185(m)				
Magnesium	ppm	ASTM D5185(m)		3609	3620	
Magnesium Calcium Phosphorus	ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)		3609 1172	3620 1163	
	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	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 Codor scalar Emulsified Water scalar Sodium ppm Boron ppm	Sample Number Sample Date Client Info Machine Age Dilent Info Oil Age Client Info Oil Age Client Info Oil Changed Filter Changed Filter Changed Sample Status  Iron Chromium Ppm ASTM D5185(m) Nickel Ppm ASTM D5185(m) Aluminum Ppm ASTM D5185(m) Aluminum Ppm ASTM D5185(m) Copper Ppm ASTM D5185(m) Tin Ppm ASTM D5185(m) Vanadium Ppm ASTM D5185(m) Visual* Yellow Metal Scalar Visual* Silicon Potassium Ppm ASTM D5185(m) Vater Scalar Visual* Scalar Scalar Scalar Visual* Scalar Sc	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 Filter Changed Sample Status  Iron Chromium ppm ASTM D5185(m) Nickel ppm ASTM D5185(m) Silver ppm ASTM D5185(m) Silver ppm ASTM D5185(m) Aluminum ppm ASTM D5185(m) Silver ppm ASTM D5185(m) ASTM D5185(m)  ASTM D5185(m)	Sample Number         Client Info         WC0890780           Sample Date         Client Info         09 May 2024           Machine Age         hrs         Client Info         3000           Oil Age         hrs         Client Info         1500           Filter Age         hrs         Client Info         0           Oil Changed         Client Info         N/A           Sample Status         NORMAL           Iron         ppm         ASTM D5185(m)         >500         291           Chromium         ppm         ASTM D5185(m)         >10         2           Nickel         ppm         ASTM D5185(m)         >10         5           Titanium         ppm         ASTM D5185(m)         0         291           Aluminum         ppm         ASTM D5185(m)         >0         0           Aluminum         ppm         ASTM D5185(m)         >25         2           Lead         ppm         ASTM D5185(m)         >25         1           Copper         ppm         ASTM D5185(m)         >10         90           Tin         ppm         ASTM D5185(m)         >10         4           Vanadium         ppm         ASTM D5185(m)	Sample Number         Client Info         WC0890780         WC0852013           Sample Date         Client Info         09 May 2024         11 Oct 2023           Machine Age         hrs         Client Info         3000         2026           Oil Age         hrs         Client Info         1500         500           Filter Age         hrs         Client Info         0         500           Oil Changed         Client Info         Not Changed         Not Changed           Filter Changed         Client Info         N/A         Not Changed           Sample Status         NORMAL         NORMAL         NORMAL           Iron         ppm         ASTM D5185(m)         >500         291         197           Chromium         ppm         ASTM D5185(m)         >10         2         1           Nickel         ppm         ASTM D5185(m)         >10         5         4           Titanium         ppm         ASTM D5185(m)         >20         2         1           Aluminum         ppm         ASTM D5185(m)         >25         2         1           Lead         ppm         ASTM D5185(m)         >25         1         2           Copper         <





CALA
Level Autority 19591

ISO 17025:2017
Accredited

Laboratory

**Laboratory**: WearCh **Sample No.**: WC0890

Sample No. : WC0890780 Lab Number : 02635817 Unique Number : 5776970 Test Package : MOB 1

Diagnosed : 15 May 2024 - Kevin Marson

conta cternal lab.

CA N0M 2T0 Contact: CG Equipment CG Guelph cory@cgequipment.com T: (519)826-0550

7367 Wellington Rd. 30, Unit A

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

Contact/Location: CG Equipment CG Guelph - CGEGUE

F: (519)837-2055

C.G. EQUIPMENT

Guelph, ON