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

Machine Id

901066 Component Transmission (Auto)

Test						
	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0089847		
Sample Date		Client Info		15 Apr 2024		
Machine Age	hrs	Client Info		18958		
Oil Age	hrs	Client Info		18958		
Filter Age	hrs	Client Info		1015		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		Changed		
Sample Status				NORMAL		
Iron	ppm	ASTM D5185(m)	>230	17		
Chromium	ppm	ASTM D5185(m)	>2	0		
Nickel	ppm			<1		
Titanium	ppm	ASTM D5185(m)	>2	0		
Silver	ppm	ASTM D5185(m)	>5	0		
Aluminum	ppm	ASTM D5185(m)	>65	8		
Lead	ppm	ASTM D5185(m)	>55	8		
Copper	ppm	ASTM D5185(m)	>85	12		
Tin	ppm	ASTM D5185(m)	>5	<1		
Vanadium	ppm	ASTM D5185(m)		0		
White Metal	scalar	Visual*	NONE	VLITE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Silicon	nnm	ΔSTM D5185(m)	<b>&gt;</b> 20	 Д		
		, ,				
	ррпп	, ,				
	scalar					
Emulsified Water	scalar	Visual*	>0.1	NEG		
Sodium	nnm	ASTM D5185(m)		Ω		
			150			
		. ,				
		. ,		0		
Manganese				<1		
	ppm		0	<1		
Calcium	ppm			123		
Phosphorus	ppm	, ,		451		
Zinc	ppm	, ,		6		
Sulfur	ppm	. ,		2365		
		( )				
	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 Zinc	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 Boron ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Phosphorus Zinc ppm	Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status  Iron ppm ASTM D5185(m) Chromium ppm ASTM D5185(m) Nickel ppm ASTM D5185(m) Titanium ppm ASTM D5185(m) Silver ppm ASTM D5185(m) Aluminum ppm ASTM D5185(m) Lead ppm ASTM D5185(m) Copper ppm ASTM D5185(m) Tin ppm ASTM D5185(m) Vanadium ppm ASTM D5185(m) White Metal scalar Visual* Yellow Metal scalar Visual* Silicon ppm ASTM D5185(m) Potassium ppm ASTM D5185(m) Water WC Method Silt scalar Visual* Debris scalar Visual* Sand/Dirt scalar Visual* Appearance scalar Visual* Sand/Dirt scalar Visual* Sodium ppm ASTM D5185(m) Boron scalar Visual* Sodium ppm ASTM D5185(m) Barium ppm ASTM D5185(m) Manganese ppm ASTM D5185(m) Manganese ppm ASTM D5185(m) Magnesium ppm ASTM D5185(m) Magnesium ppm ASTM D5185(m) Magnesium ppm ASTM D5185(m) Phosphorus ppm ASTM D5185(m)	Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status  Iron ppm ASTM D5185(m) >230 Chromium ppm ASTM D5185(m) >2 Nickel ppm ASTM D5185(m) >5 Titanium ppm ASTM D5185(m) >5 Aluminum ppm ASTM D5185(m) >65 Lead ppm ASTM D5185(m) >5 Copper ppm ASTM D5185(m) >5 Copper ppm ASTM D5185(m) >5 Tin ppm ASTM D5185(m) >5 Vanadium ppm ASTM D5185(m) >5 Vanadium ppm ASTM D5185(m) >5 Vanadium ppm ASTM D5185(m) >60 Vanadium ppm ASTM D5185(m) >5 Vanadium ppm ASTM D5185(m) >5 Vanadium ppm ASTM D5185(m) >0 Vanadium ppm ASTM D5185(m) >0 Vanadium ppm ASTM D5185(m) >0 Vanadium ppm ASTM D5185(m) >20 Vater Visual* NONE  Silicon ppm ASTM D5185(m) >20 Vater Visual* NONE  Silt scalar Visual* NONE  Debris scalar Visual* NONE  Sand/Dirt scalar Visual* NONE  Appearance scalar Visual* NONE  Appearance scalar Visual* NONE  Sodium ppm ASTM D5185(m) -0  ASTM D5185(m) 0  Molybdenum ppm ASTM D5185(m) 0  Manganese ppm ASTM D5185(m) 0  Manganese ppm ASTM D5185(m) 0  Manganese ppm ASTM D5185(m) 0  Calcium ppm ASTM D5185(m) 320  Zinc ppm ASTM D5185(m) 55	Machine Age         hrs         Client Info         18958           Oil Age         hrs         Client Info         18958           Filter Age         hrs         Client Info         1015           Oil Changed         Client Info         Not Changed           Filter Changed         Client Info         Changed           Sample Status         NORMAL           Iron         ppm         ASTM D5185(m)         >230         17           Chromium         ppm         ASTM D5185(m)         >2         0           Nickel         ppm         ASTM D5185(m)         >5         <1	Machine Age         hrs         Client Info         18958            Oil Age         hrs         Client Info         18958            Filter Age         hrs         Client Info         1015            Oil Changed         Client Info         Not Changed            Filter Changed         Client Info         Changed            Sample Status         NORMAL            Iron         ppm         ASTM D5185(m)         -230         17            Chromium         ppm         ASTM D5185(m)         -2         0            Nickel         ppm         ASTM D5185(m)         -5         -1            Titanium         ppm         ASTM D5185(m)         -2         0            Silver         ppm         ASTM D5185(m)         -5         0            Aluminum         ppm         ASTM D5185(m)         -5         8            Lead         ppm         ASTM D5185(m)         -85         12            Tin         ppm         ASTM D5185(m)         -5         -1            Vanadium<





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: GFL0089847 Lab Number : 02644927 Unique Number : 5802466 Test Package : MOB 1

Received **Tested** 

: 02 Jul 2024 Diagnosed

: 03 Jul 2024

: 03 Jul 2024 - Wes Davis

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental DO NOT USE\_USE GFL582 4624 Cumberland Road Cumberland, BC CA VOR 1S0 Contact: Kyle Fallowfield

kfallowfield@gflenv.com T:

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.

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