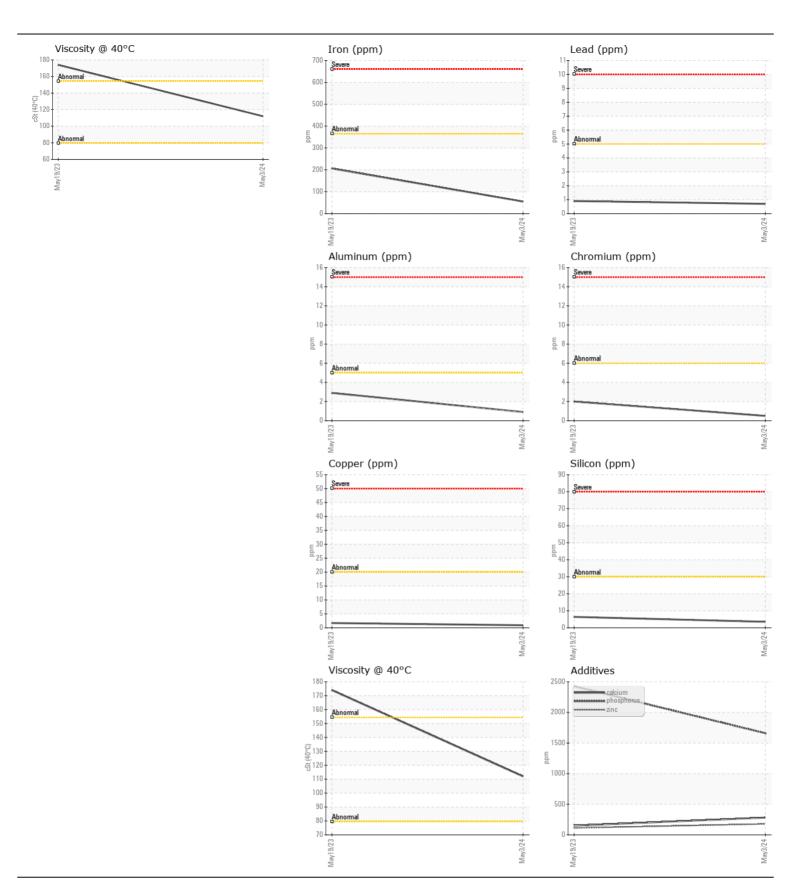


WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL



				.,		
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH	LH0260167	
Sample Date		Client Info		03 May 2024	19 May 2023	
Machine Age	hrs	Client Info		3352	1026	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	Changed	
Filter Changed		Client Info		Not Changd	N/A	
Sample Status				NORMAL	NORMAL	
lua a		ACTM DE10E()	005	F.F.	000	
		. ,				
		. ,	>5			
			_			
		, ,				
		. ,				
			>4			
		, ,	NONE			
Yellow Metal	scalar	visuai"	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185(m)	>30	4	6	
Potassium	ppm	ASTM D5185(m)	>20	4	<1	
Water		WC Method	>0.1	NEG	NEG	
Silt	scalar	Visual*	NONE	NONE	NONE	
Debris	scalar	Visual*	NONE	VLITE	NONE	
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	
Appearance	scalar	Visual*	NORML	NORML	NORML	
Odor	scalar	Visual*	NORML	NORML	NORML	
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	
Sodium	mag	ASTM D5185(m)	>25	3	6	
Barium		ASTM D5185(m)		1	12	
Molybdenum	ppm	ASTM D5185(m)		<1	11	
Manganese	ppm	ASTM D5185(m)		<1	5	
Magnesium	ppm	ASTM D5185(m)		4	16	
Calcium	ppm	ASTM D5185(m)		282	151	
Phosphorus	ppm	ASTM D5185(m)		1660	2428	
Zinc	ppm	ASTM D5185(m)		178	112	
	ppm	ASTM D5185(m) ASTM D5185(m)		178 17752	112 25951	
	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 Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	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 Barium ppm Manganese ppm Magnesium ppm Calcium ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info Oil Age hrs Client Info Oil Changed Filter Age Oil 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) Water WC Method Silt Scalar Visual* Debris Scalar Visual* Appearance Scalar Visual* Appearance Scalar Visual* Sodium Ppm ASTM D5185(m) Mater Sodium Ppm ASTM D5185(m) Boron Ppm ASTM D5185(m) Barium Ppm ASTM D5185(m)	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Client Info Filter Age hrs Client Info Client Info Filter Age hrs Client Info Client Info Client Info Filter Changed Client Info Sample Status Iron ppm ASTM D5185(m) Sample Status Iron ppm ASTM D5185(m) Silver ppm ASTM D5185(m) Aluminum ppm ASTM D5185(m) Aluminum ppm ASTM D5185(m)	Sample Number Client Info LH Sample Date Client Info 03 May 2024 Machine Age hrs Client Info 3352 Oil Age hrs Client Info 0 Filter Age hrs Client Info Not Changd Gilent Info Not Changd Not Changd Filter Changed Client Info Not Changd Sample Status NORMAL Iron ppm ASTM D5185(m) >365 55 Chromium ppm ASTM D5185(m) >6 <1	Sample Number Client Info Client Info Sample Date Client Info 03 May 2024 19 May 2023 1026





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: LH Lab Number : 02633916 Unique Number : 5775069

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 07 May 2024 **Tested** : 07 May 2024

Diagnosed : 07 May 2024 - Wes Davis Test Package : MOB 1

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.

Gravier Collet Gravel SW31-6-8W Notre Dame de Lourdes, MB CA R0G 1M0

Contact: Service Manager

T: F: