

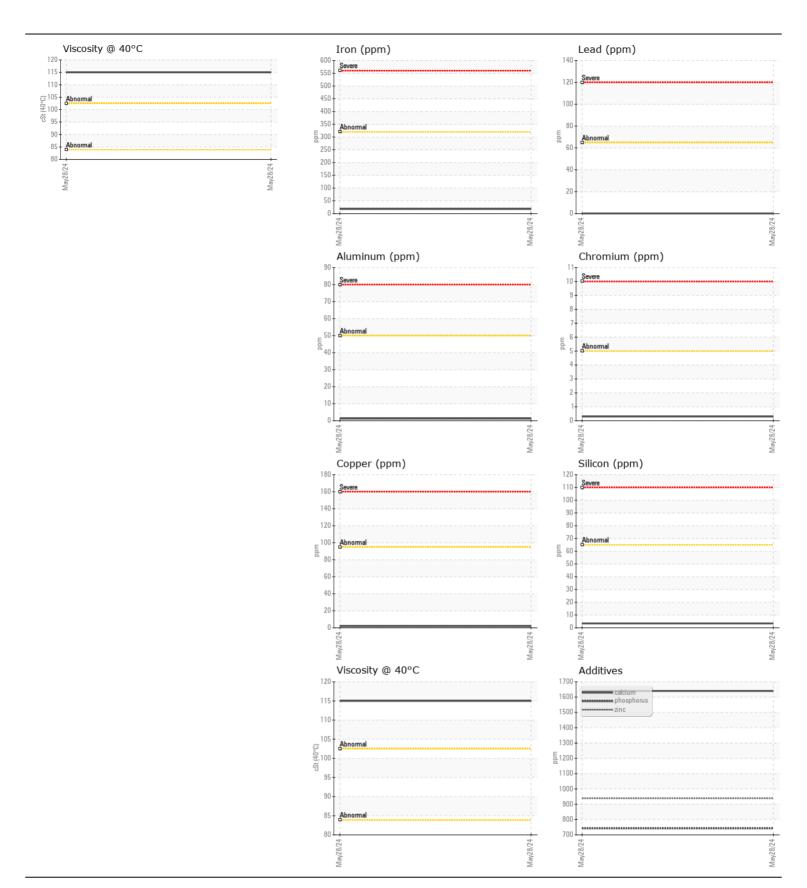
WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL



Machine Id 8403 Component Transmission

{not provided} (GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.	Sample Number		Client Info		GFL0112511		
	Sample Date		Client Info		28 May 2024		
	Machine Age	kms	Client Info		130708		
	Oil Age	kms	Client Info		0		
	Filter Age	kms	Client Info		0		
	Oil Changed		Client Info		N/A		
	Filter Changed		Client Info		N/A		
	Sample Status				NORMAL		
WEAR	Iron	ppm	ASTM D5185(m)	>320	18		
All component wear rates are normal.	Chromium	ppm	ASTM D5185(m)	>5	<1		
	Nickel	ppm	ASTM D5185(m)	>5	<1		
	Titanium	ppm	ASTM D5185(m)		0		
	Silver	ppm	ASTM D5185(m)		0		
	Aluminum	ppm	ASTM D5185(m)	>50	1		
	Lead	ppm	ASTM D5185(m)	>65	<1		
	Copper	ppm	ASTM D5185(m)	>95	2		
	Tin	ppm	ASTM D5185(m)	>6	<1		
	Vanadium	ppm	ASTM D5185(m)		0		
	White Metal	scalar	Visual*	NONE	VLITE		
	Yellow Metal	scalar	Visual*	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185(m)	>65	3		
There is no indication of any contamination in the fluid.	Potassium	ppm	ASTM D5185(m)		<1		
	Water	PP	WC Method	>0.1	NEG		
	Silt	scalar	Visual*	NONE	VLITE		
	Debris	scalar	Visual*	NONE	NONE		
	Sand/Dirt	scalar	Visual*	NONE	NONE		
	Appearance	scalar	Visual*	NORML	NORML		
	Odor	scalar	Visual*	NORML	NORML		
	Emulsified Water	scalar	Visual*	>0.1	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185(m)		10		
The condition of the fluid is acceptable for the time in service.	Boron	ppm	ASTM D5185(m)		8		
	Barium	ppm	ASTM D5185(m)		<1		
	Molybdenum	ppm	ASTM D5185(m)		57		
	Manganese	ppm	ASTM D5185(m)		1		
	Magnesium	ppm	ASTM D5185(m)		608		
	Calcium	ppm	ASTM D5185(m)		1640		
	Phosphorus	ppm	ASTM D5185(m)		743		
	Zinc	ppm	ASTM D5185(m)		939		
	Sulfur	ppm	ASTM D5185(m)		1976		
	Visc @ 40°C	cSt	ASTM D7279(m)		115		





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 554 - Edmonton SW : GFL0112511 Lab Number : 02639942 Unique Number : 5789104 Test Package : MOB 1

Received **Tested** Diagnosed

: 06 Jun 2024

: 06 Jun 2024 - Kevin Marson

: 05 Jun 2024

8409 -15th Street NW Edmonton, AB CA T6P 0B8 Contact: Tim Greig tgreig@gflenv.com T: (780)231-0521

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.