



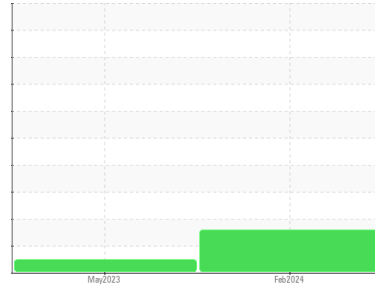
OIL ANALYSIS REPORT

Sample Rating Trend

WATER



Machine Id
WL0404
Component
Front Transmission (Manual)
Fluid
SAE 30W (--- GAL)



DIAGNOSIS

▲ Recommendation

Nous vous recommandons de vérifier la source de l'infiltration d'eau. Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Wear

Les taux d'usure de tous les composants sont normaux.

▲ Contamination

Concentration modérée d'eau dans le fluide. Le test de glycol est négatif.

Fluid Condition

le fluide ne peut plus être utilisée en raison de la présence de contaminants.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0067514	GFL0067502	---
Sample Date	Client Info		27 Feb 2024	09 May 2023	---
Machine Age	hrs	Client Info	0	1412	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			ABNORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	33	113
Chromium	ppm	ASTM D5185(m)	>5	<1	1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1
Titanium	ppm	ASTM D5185(m)		0	<1
Silver	ppm	ASTM D5185(m)	>7	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	2	8
Lead	ppm	ASTM D5185(m)	>45	<1	2
Copper	ppm	ASTM D5185(m)	>225	8	72
Tin	ppm	ASTM D5185(m)	>10	0	0
Antimony	ppm	ASTM D5185(m)		0	0
Vanadium	ppm	ASTM D5185(m)		0	0
Beryllium	ppm	ASTM D5185(m)		0	0
Cadmium	ppm	ASTM D5185(m)		0	0

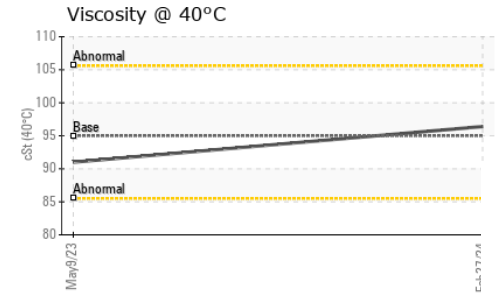
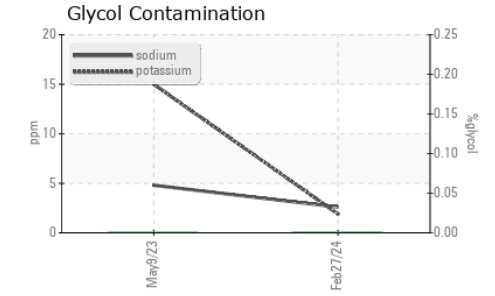
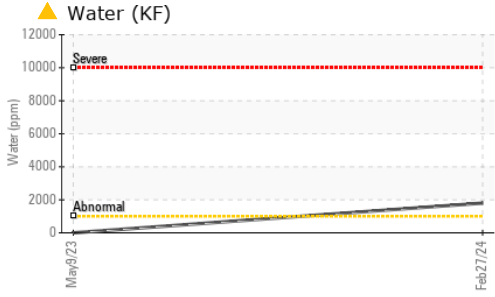
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		12	5
Barium	ppm	ASTM D5185(m)		<1	3
Molybdenum	ppm	ASTM D5185(m)		3	<1
Manganese	ppm	ASTM D5185(m)		0	2
Magnesium	ppm	ASTM D5185(m)		26	22
Calcium	ppm	ASTM D5185(m)		2509	3025
Phosphorus	ppm	ASTM D5185(m)		734	1042
Zinc	ppm	ASTM D5185(m)		955	1190
Sulfur	ppm	ASTM D5185(m)		5265	5547
Lithium	ppm	ASTM D5185(m)		<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	6	7
Sodium	ppm	ASTM D5185(m)		3	5
Potassium	ppm	ASTM D5185(m)	>20	2	15
Water	%	ASTM D6304*	>0.1	▲ 0.180	---
ppm Water	ppm	ASTM D6304*	>1000	▲ 1802	---
Glycol	%	ASTM D7922*		0.0	0.0

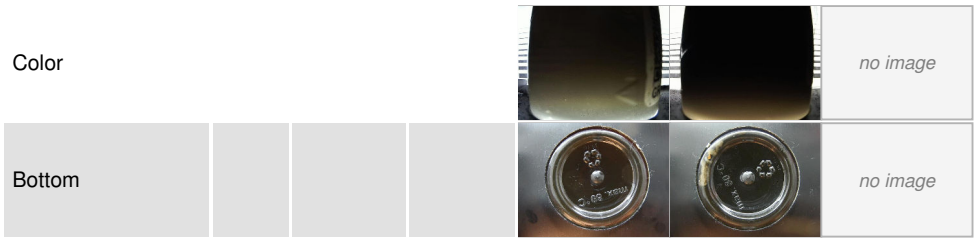
OIL ANALYSIS REPORT



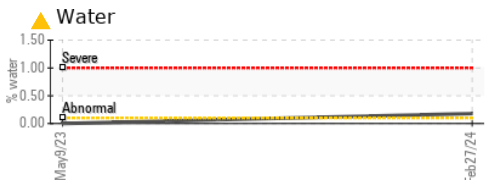
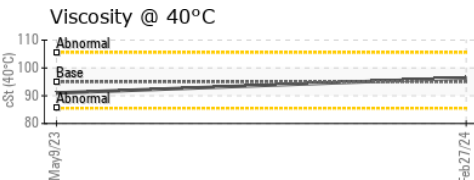
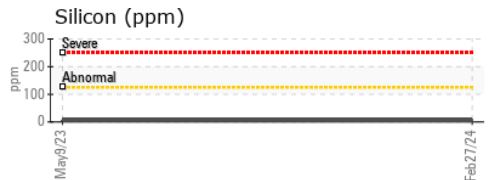
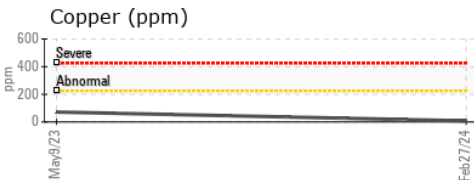
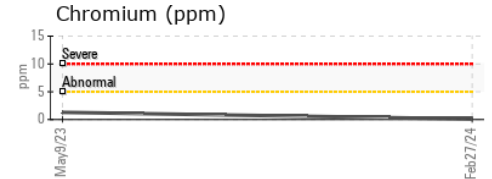
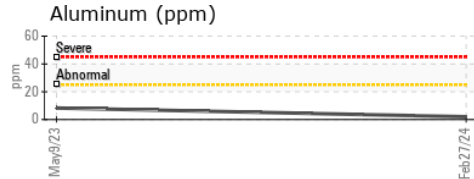
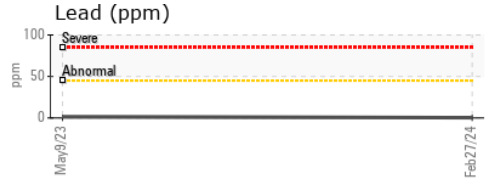
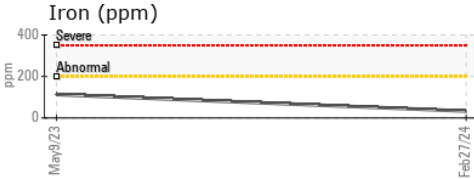
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	▲ .2%	NEG
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	95.0	96.4	91.0

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 743 - Montreal Est CD Processing
Sample No. : GFL0067514 **Received** : 28 Feb 2024 10930 rue Sherbrooke
Lab Number : 02618746 **Tested** : 01 Mar 2024 Montreal, QC
Unique Number : 5735856 **Diagnosed** : 01 Mar 2024 - Kevin Marson CA H1B 1B4
Test Package : MOB 1 (Additional Tests: Glycol, KF) Contact: Patrick Beaulieu
patrick.beaulieu@gflenv.com

To discuss this sample report, contact Customer Service at 1-800-268-2131. T:
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. F:
 Validity of results and interpretation are based on the sample and information as supplied.