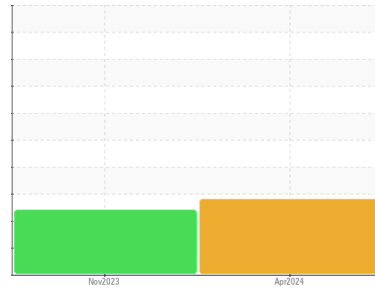




OIL ANALYSIS REPORT

Sample Rating Trend



GLYCOL



Machine Id
OR1110
 Component
Transmission (Manual)
 Fluid
SAE 10W (--- GAL)

DIAGNOSIS

Recommendation

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir le fluide. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide était spécifié comme (GENERIC) SAE 10W, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du SAE 90 Gear Oil. Veuillez confirmer la viscosité de l'huile et veuillez préciser la marque de votre prochain échantillon. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Wear

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

Contamination

Le test de glycol est positif. Concentration modérée de glycol dans le fluide.

Fluid Condition

La viscosité de l'échantillon se situe dans la portée de l'SAE 90; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. 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	GFL0118313	GFL0056275	---
Sample Date	Client Info	29 Apr 2024	13 Nov 2023	---
Machine Age	hrs	Client Info	5064	5062
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	N/A	N/A	---
Sample Status		ABNORMAL	ABNORMAL	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>200	9	67
Chromium	ppm	ASTM D5185(m)	>5	0	<1
Nickel	ppm	ASTM D5185(m)	>5	0	<1
Titanium	ppm	ASTM D5185(m)		0	0
Silver	ppm	ASTM D5185(m)	>7	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	0	2
Lead	ppm	ASTM D5185(m)	>45	1	5
Copper	ppm	ASTM D5185(m)	>225	1	6
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

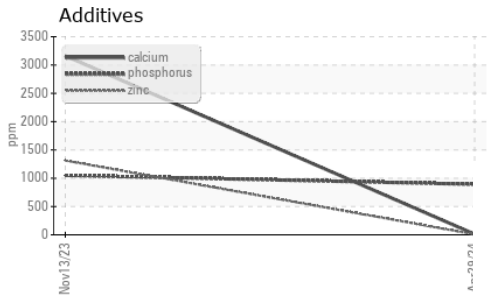
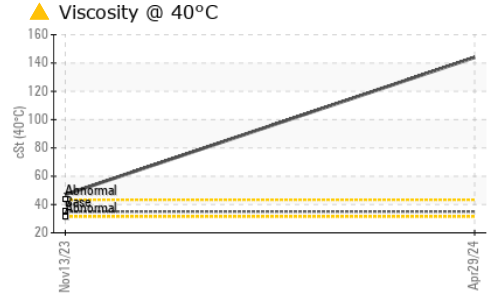
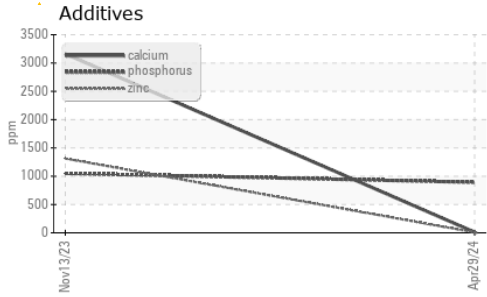
ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)		135	95
Barium	ppm	ASTM D5185(m)		0	<1
Molybdenum	ppm	ASTM D5185(m)		0	<1
Manganese	ppm	ASTM D5185(m)		<1	<1
Magnesium	ppm	ASTM D5185(m)		2	16
Calcium	ppm	ASTM D5185(m)		11	3162
Phosphorus	ppm	ASTM D5185(m)		892	1050
Zinc	ppm	ASTM D5185(m)		7	1312
Sulfur	ppm	ASTM D5185(m)		18930	2839
Lithium	ppm	ASTM D5185(m)		<1	<1

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>125	0	12
Sodium	ppm	ASTM D5185(m)		<1	6
Potassium	ppm	ASTM D5185(m)	>20	<1	<1
Glycol	%	ASTM D7922*		▲ 0.083	▲ 0.064

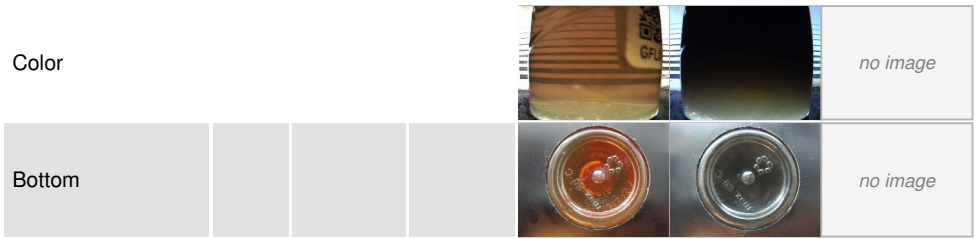
OIL ANALYSIS REPORT



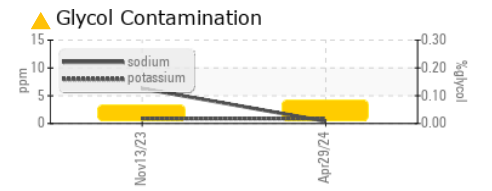
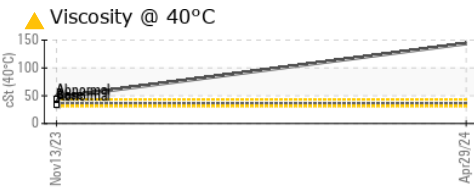
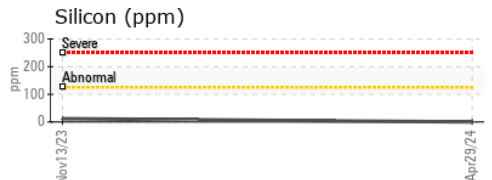
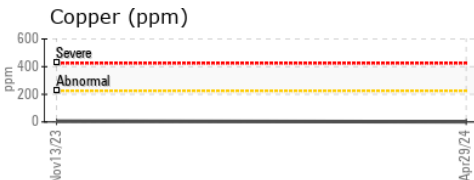
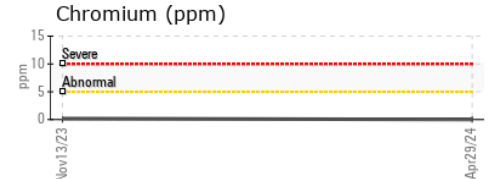
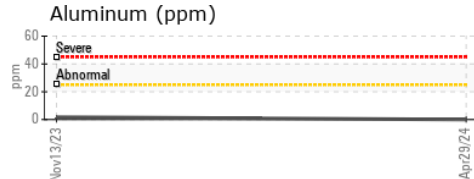
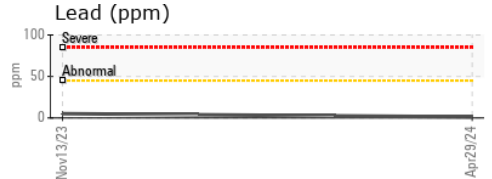
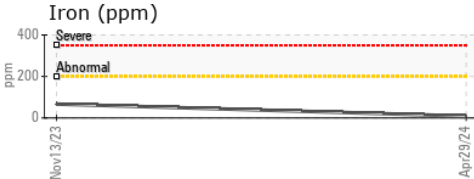
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	35.0	▲ 144	47.0

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. : GFL0118313 **Received** : 02 May 2024 10930 rue Sherbrooke
Lab Number : 02632824 **Tested** : 03 May 2024 Montreal, QC
Unique Number : 5773977 **Diagnosed** : 05 May 2024 - Kevin Marson CA H1B 1B4
Test Package : MOB 1 **Contact:** Patrick Beaulieu
 patrick.beaulieu@gflenv.com

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.