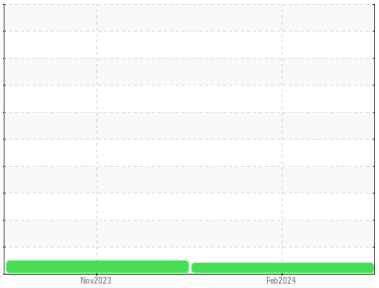
OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY

Machine Id
OR706
Component
Right Transmission (Manual)
Fluid
SAE 80W90 (--- GAL)

DIAGNOSIS

Recommendation
Échantillonner de nouveau l`équipement au prochain intervalle de vidange afin d`en surveiller la condition.

Wear
Les taux d`usure de tous les composants sont normaux.

Contamination
Il n`y a aucun indice de contamination dans le fluide.

Fluid Condition
La viscosité de l'échantillon se situe dans la portée de l'SAE 90W140; nous vous conseillons de vérifier. L`état de le fluide est acceptable pour la durée de service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**GFL0114900**	GFL0097025	---
Sample Date		Client Info		**26 Feb 2024**	15 Nov 2023	---
Machine Age	hrs	Client Info		**13525**	12	---
Oil Age	hrs	Client Info		**1200**	0	---
Oil Changed		Client Info		**Changed**	Not Changd	---
Sample Status				**ABNORMAL**	NORMAL	---

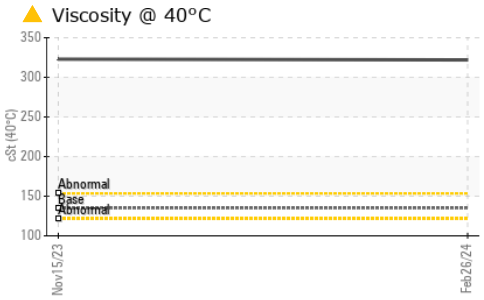
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.1	**NEG**	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	**59**	21	---
Chromium	ppm	ASTM D5185(m)	>5	**5**	2	---
Nickel	ppm	ASTM D5185(m)	>5	**<1**	<1	---
Titanium	ppm	ASTM D5185(m)		**0**	0	---
Silver	ppm	ASTM D5185(m)	>7	**0**	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	**13**	2	---
Lead	ppm	ASTM D5185(m)	>45	**0**	0	---
Copper	ppm	ASTM D5185(m)	>225	**<1**	<1	---
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)	200	**190**	201	---
Barium	ppm	ASTM D5185(m)	0	**0**	<1	---
Molybdenum	ppm	ASTM D5185(m)	0	**<1**	0	---
Manganese	ppm	ASTM D5185(m)		**<1**	0	---
Magnesium	ppm	ASTM D5185(m)	0	**8**	2	---
Calcium	ppm	ASTM D5185(m)	20	**68**	18	---
Phosphorus	ppm	ASTM D5185(m)	1000	**1043**	1098	---
Zinc	ppm	ASTM D5185(m)	20	**8**	6	---
Sulfur	ppm	ASTM D5185(m)	22000	**20718**	21652	---
Lithium	ppm	ASTM D5185(m)		**<1**	<1	---

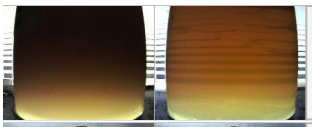
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	**60**	23	---
Sodium	ppm	ASTM D5185(m)	>50	**3**	1	---
Potassium	ppm	ASTM D5185(m)	>20	**6**	<1	---

OIL ANALYSIS REPORT

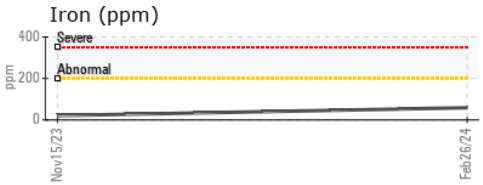


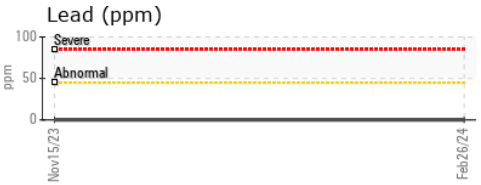
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**NONE**	NONE	---
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	---
Precipitate	scalar	Visual*	NONE	**NONE**	NONE	---
Silt	scalar	Visual*	NONE	**NONE**	NONE	---
Debris	scalar	Visual*	NONE	**NONE**	VLITE	---
Sand/Dirt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

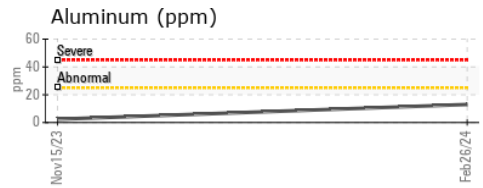
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	135	▲ **322**	323	---

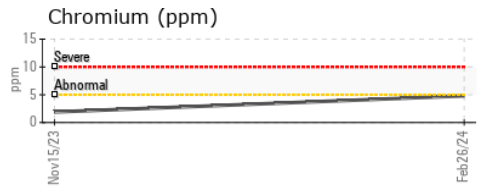
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					*no image*
Bottom					*no image*

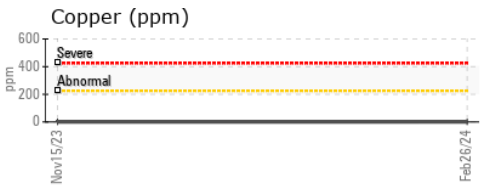
GRAPHS

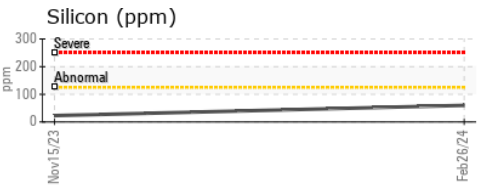


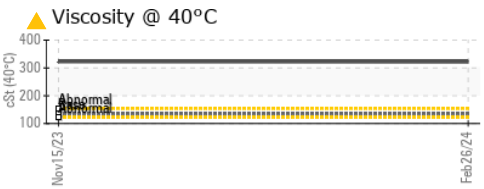


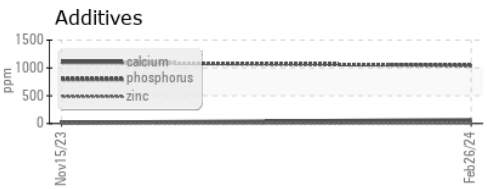












ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114900
Lab Number : 02618726
Unique Number : 5735836
Test Package : MOB 1

Received : 28 Feb 2024
Tested : 28 Feb 2024
Diagnosed : 28 Feb 2024 - Kevin Marson

GFL Environmental - 780 - GMA - ICI - Solid Waste
4365 boul. St-Elzear Ouest,
Laval, QC
CA H7P 4J3
Contact: Louis Michaud
louis.michaus@gflenv.com
T:
F:

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.