



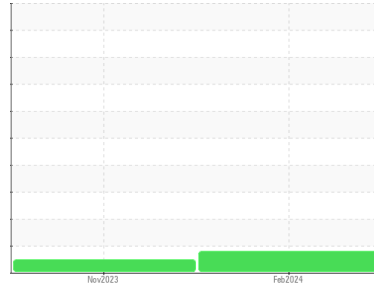
OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Machine Id
OR706
Component
Left Transmission (Manual)
Fluid
GEAR OIL SAE 80W90 (--- GAL)



DIAGNOSIS

▲ Recommendation

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer.

▲ Wear

Le taux de chrome est anormal.

Contamination

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

Fluid Condition

le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0114901	GFL0097024	---
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	88	16	---
Chromium	ppm	ASTM D5185(m)	>5	▲ 8	1	---
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	---
Titanium	ppm	ASTM D5185(m)		<1	0	---
Silver	ppm	ASTM D5185(m)	>7	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	20	1	---
Lead	ppm	ASTM D5185(m)	>45	<1	<1	---
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)	400	124	185	---
Barium	ppm	ASTM D5185(m)	200	0	<1	---
Molybdenum	ppm	ASTM D5185(m)	12	<1	0	---
Manganese	ppm	ASTM D5185(m)		<1	0	---
Magnesium	ppm	ASTM D5185(m)	12	15	2	---
Calcium	ppm	ASTM D5185(m)	150	198	46	---
Phosphorus	ppm	ASTM D5185(m)	1650	828	1061	---
Zinc	ppm	ASTM D5185(m)	125	132	37	---
Sulfur	ppm	ASTM D5185(m)	22500	15186	20011	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

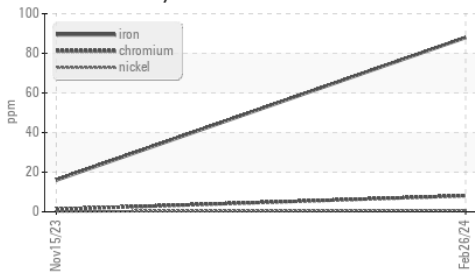
CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>125	79	18	---
Sodium	ppm	ASTM D5185(m)	>170	4	<1	---
Potassium	ppm	ASTM D5185(m)	>20	9	<1	---

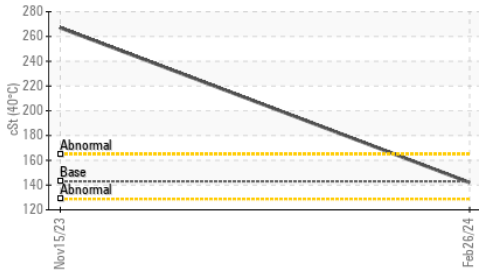


OIL ANALYSIS REPORT

▲ Ferrous Alloys



Viscosity @ 40°C



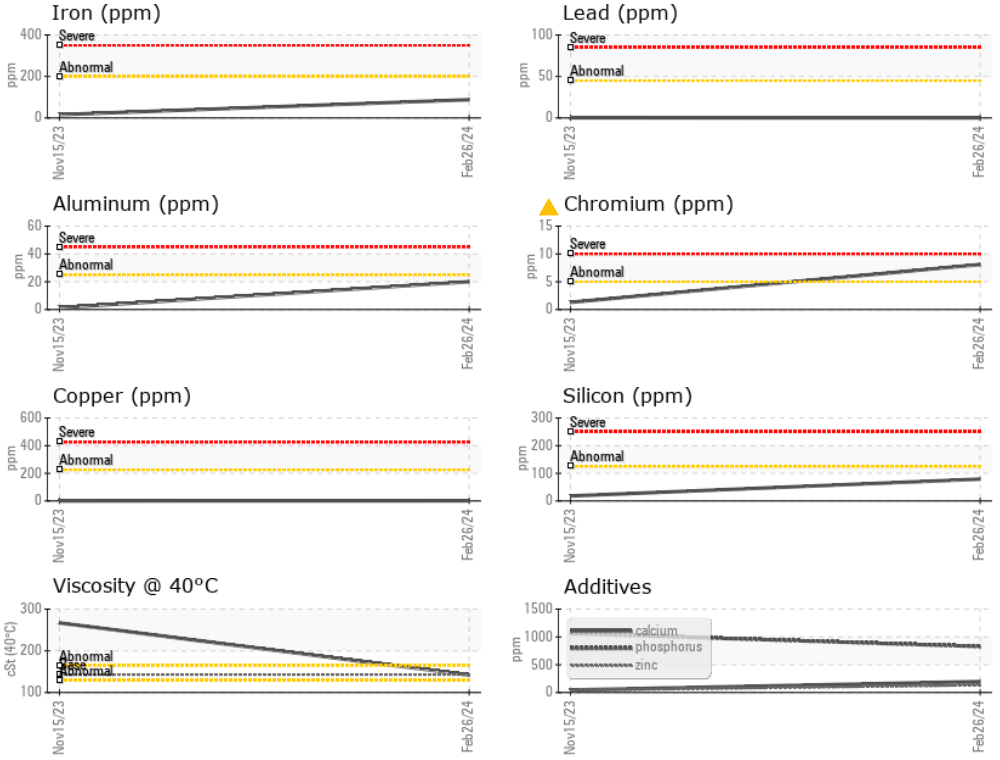
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	143	142	267

SAMPLE IMAGES

method	limit/base	current	history1	history2	
Color					no image
Bottom					no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 780 - GMA - ICI - Solid Waste**
Sample No. : GFL0114901 **Received** : 28 Feb 2024 4365 boul. St-Elzear Ouest,
Lab Number : **02618727** **Tested** : 28 Feb 2024 Laval, QC
Unique Number : 5735837 **Diagnosed** : 28 Feb 2024 - Kevin Marson CA H7P 4J3
Test Package : MOB 1 Contact: Louis Michaud
 louis.michaus@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.