



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
801090
Component
1 Differential
Fluid
GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0107395	GFL0080333	GFL
Sample Date		Client Info		13 Feb 2024	25 Aug 2023	28 Feb 2023
Machine Age	kms	Client Info		307889	280858	1100
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	N/A
Filter Changed		Client Info		Not Changd	Not Changd	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184*		11	5	25
Iron	ppm	ASTM D5185(m)	>500	729	654	666
Chromium	ppm	ASTM D5185(m)	>10	3	3	4
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		<1	<1	<1
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	4	6	3
Lead	ppm	ASTM D5185(m)	>25	0	<1	0
Copper	ppm	ASTM D5185(m)	>100	4	4	4
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	<1	<1
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

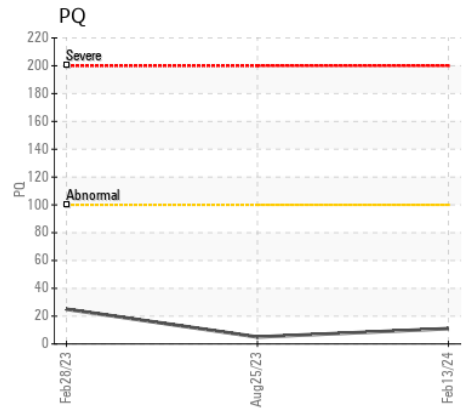
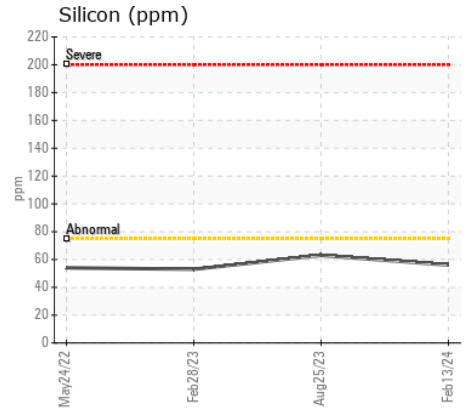
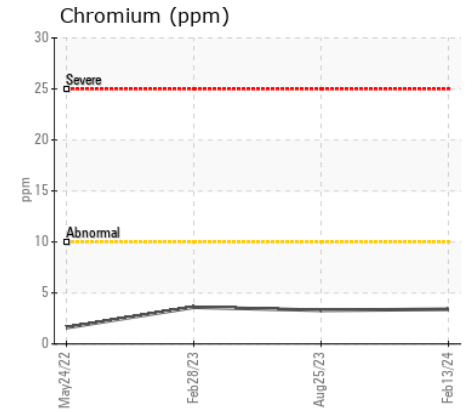
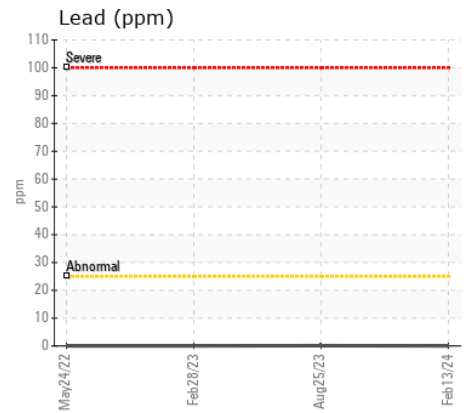
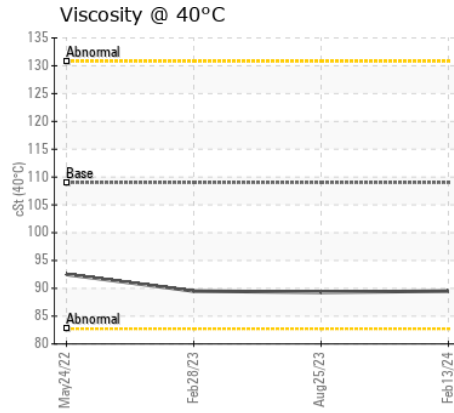
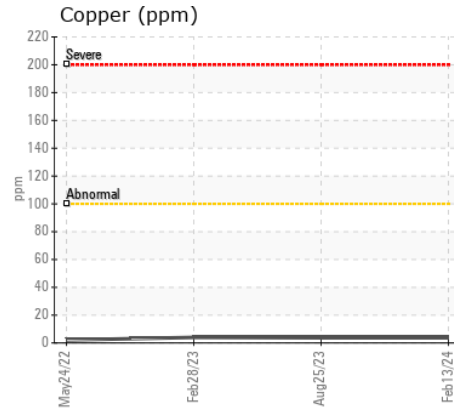
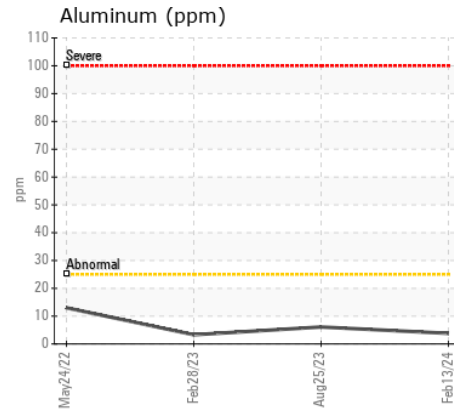
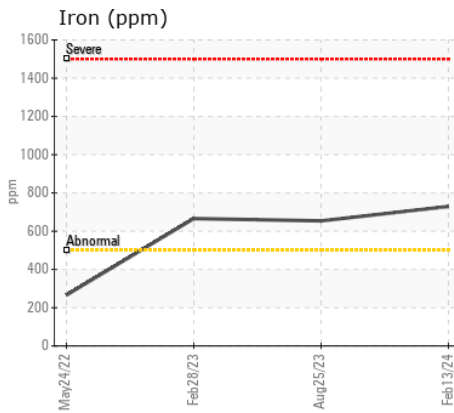
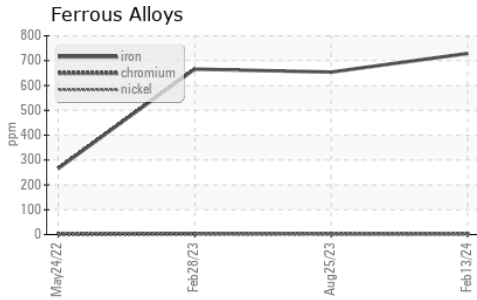
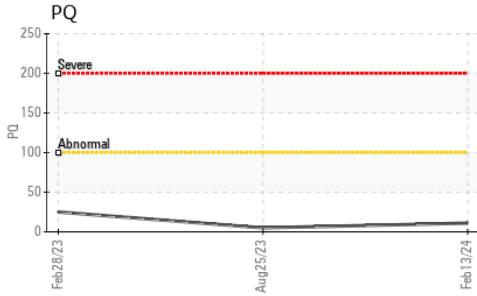
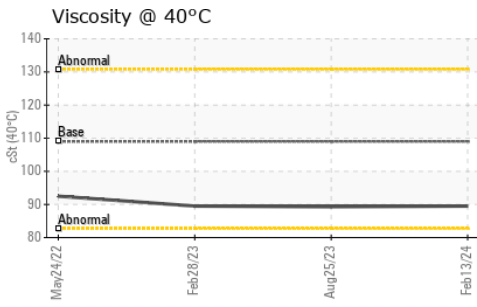
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	56	63	53
Potassium	ppm	ASTM D5185(m)	>20	4	5	3
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	VLITE	NONE
Debris	scalar	Visual*	NONE	VLITE	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	VLITE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	NEG

FLUID CONDITION

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		10	12	9
Boron	ppm	ASTM D5185(m)	400	181	192	194
Barium	ppm	ASTM D5185(m)	200	1	2	<1
Molybdenum	ppm	ASTM D5185(m)	12	0	<1	<1
Manganese	ppm	ASTM D5185(m)		21	21	22
Magnesium	ppm	ASTM D5185(m)	12	2	3	2
Calcium	ppm	ASTM D5185(m)	150	13	15	10
Phosphorus	ppm	ASTM D5185(m)	1650	1225	1389	1375
Zinc	ppm	ASTM D5185(m)	125	23	24	20
Sulfur	ppm	ASTM D5185(m)	22500	17640	19277	19072
Visc @ 40°C	cSt	ASTM D7279(m)	109	89.5	89.3	89.5



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107395
Lab Number : 02625369
Unique Number : 5750488
Test Package : MOB 1 (Additional Tests: PQ)
Received : 28 Mar 2024
Tested : 28 Mar 2024
Diagnosed : 01 Apr 2024 - Kevin Marson

GFL Environmental - 730 - Chicoutimi - Hauling
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 Chicoutimi, QC
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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.