



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
INTERNATIONAL 825076

Component
Rear Differential

Fluid
GEAR OIL SAE 80W90 (--- 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		PC0088237	GFL0079067	---
Sample Date		Client Info		14 May 2024	18 Apr 2023	---
Machine Age	hrs	Client Info		12879	329175	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

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

PQ		ASTM D8184*		106	102	---
Iron	ppm	ASTM D5185(m)	>500	719	828	---
Chromium	ppm	ASTM D5185(m)	>10	5	6	---
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	---
Titanium	ppm	ASTM D5185(m)		1	1	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	23	24	---
Lead	ppm	ASTM D5185(m)	>25	0	0	---
Copper	ppm	ASTM D5185(m)	>100	4	4	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	<1	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

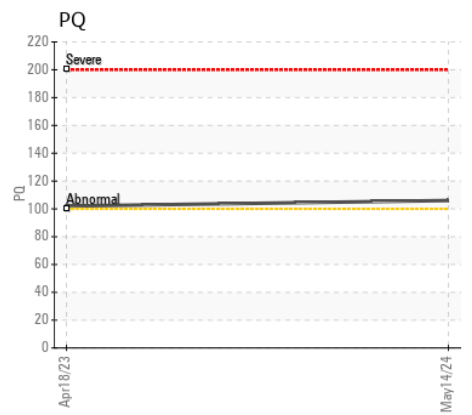
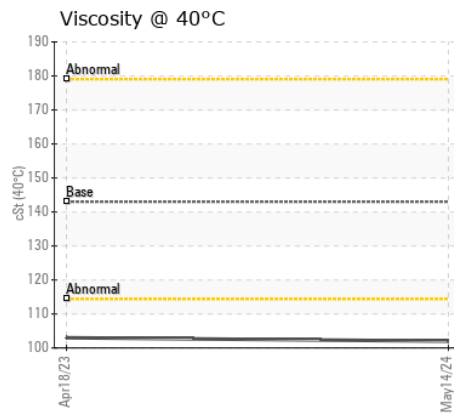
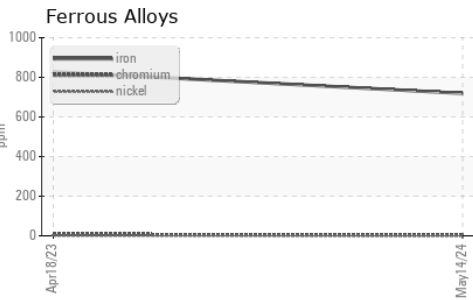
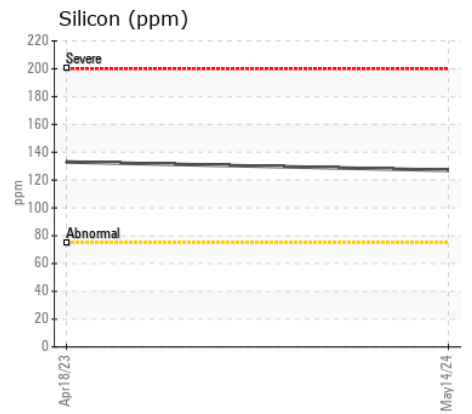
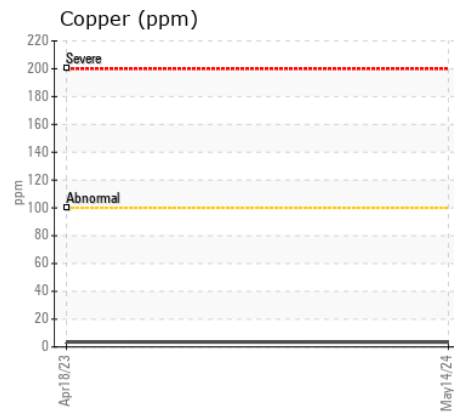
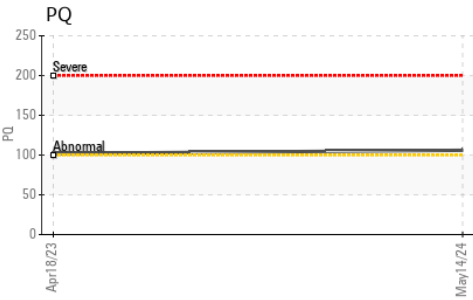
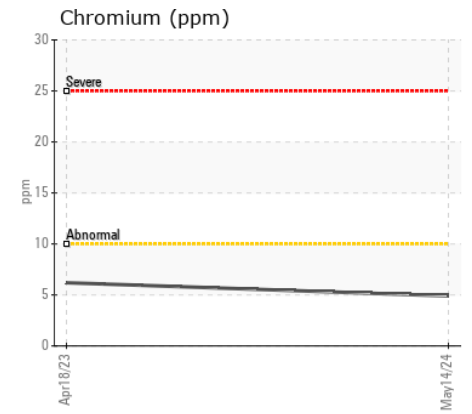
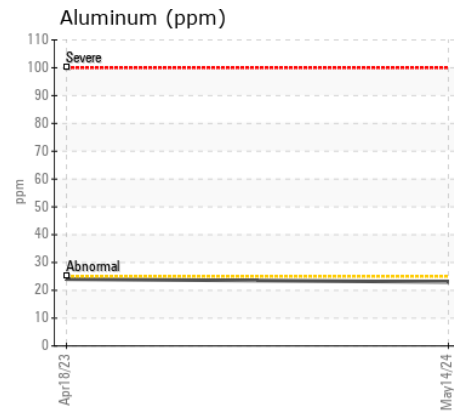
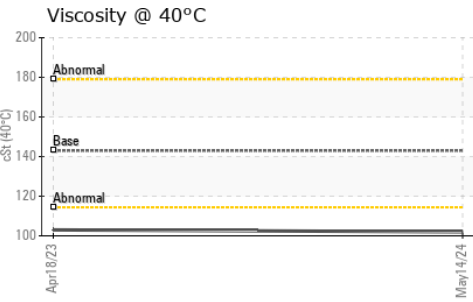
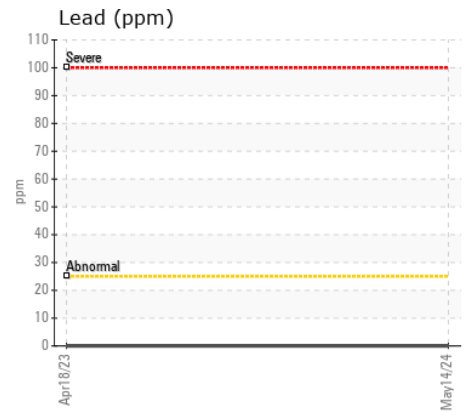
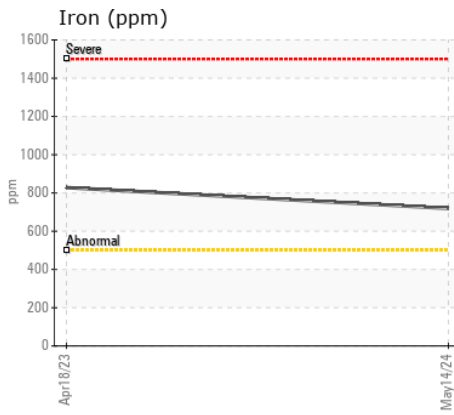
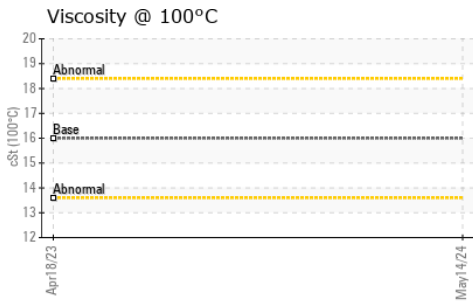
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	127	133	---
Potassium	ppm	ASTM D5185(m)	>20	182	251	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	VLITE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	---

FLUID CONDITION

La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)	>170	17	18	---
Boron	ppm	ASTM D5185(m)	400	218	285	---
Barium	ppm	ASTM D5185(m)	200	11	12	---
Molybdenum	ppm	ASTM D5185(m)	12	<1	<1	---
Manganese	ppm	ASTM D5185(m)		14	16	---
Magnesium	ppm	ASTM D5185(m)	12	8	8	---
Calcium	ppm	ASTM D5185(m)	150	49	52	---
Phosphorus	ppm	ASTM D5185(m)	1650	956	1107	---
Zinc	ppm	ASTM D5185(m)	125	44	50	---
Sulfur	ppm	ASTM D5185(m)	22500	19509	21500	---
Visc @ 40°C	cSt	ASTM D7279(m)	143	102	103	---
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	13.9	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	117	137	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088237
Lab Number : 02637530
Unique Number : 5786692
Test Package : MOB 1 (Additional Tests: KV100, PQ, VI)
Received : 24 May 2024
Tested : 24 May 2024
Diagnosed : 24 May 2024 - Kevin Marson

GFL Environmental 791MAT - Matane
 29 rue Brilliant
 Matane, QC
 CA G4W 0J7
 Contact: B Berube
 bberube@matrec.ca

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.

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F: