



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
OR1087

Component
2 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		PC0082161	PC0038534	---
Sample Date		Client Info		30 Apr 2024	06 Dec 2022	---
Machine Age	hrs	Client Info		5541	0	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	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*		417	204	---
Iron	ppm	ASTM D5185(m)	>500	558	531	---
Chromium	ppm	ASTM D5185(m)	>10	8	8	---
Nickel	ppm	ASTM D5185(m)	>10	2	2	---
Titanium	ppm	ASTM D5185(m)		<1	<1	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	26	29	---
Lead	ppm	ASTM D5185(m)	>25	0	<1	---
Copper	ppm	ASTM D5185(m)	>100	22	27	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

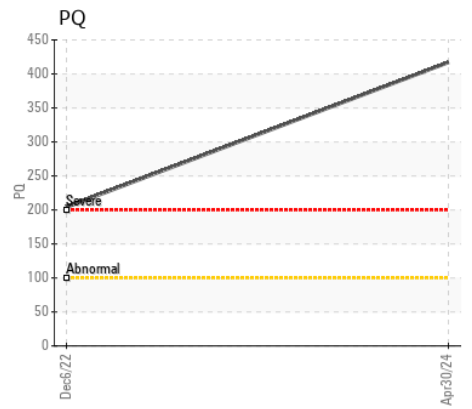
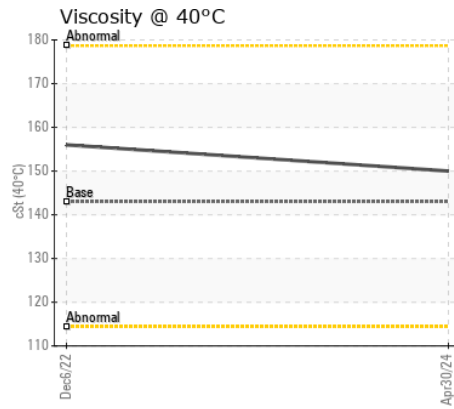
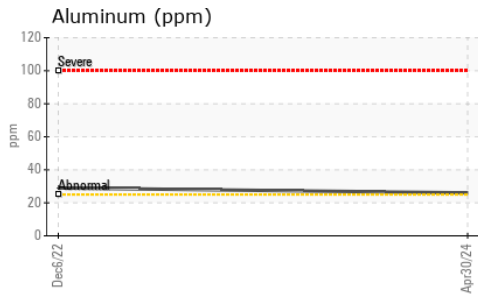
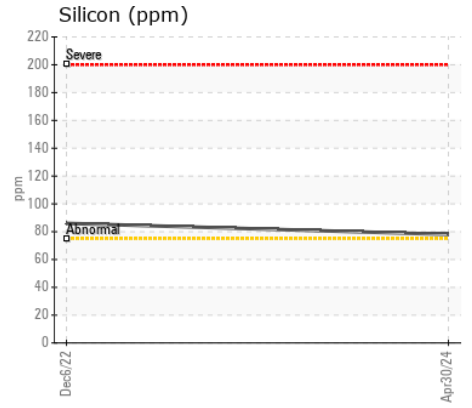
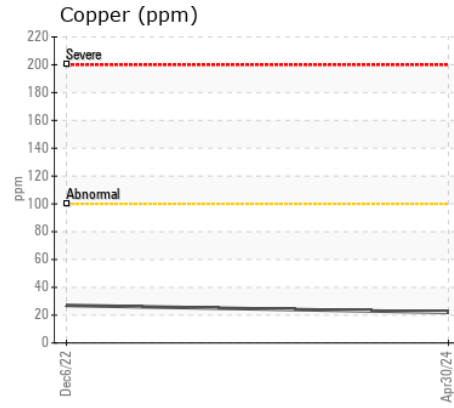
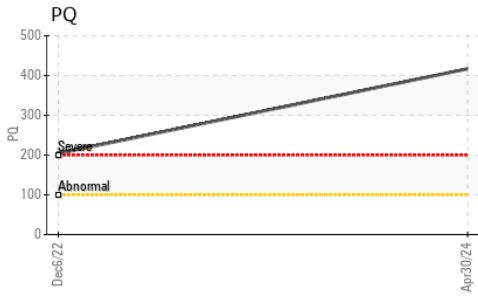
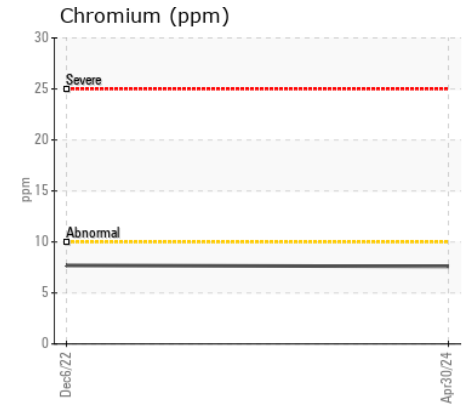
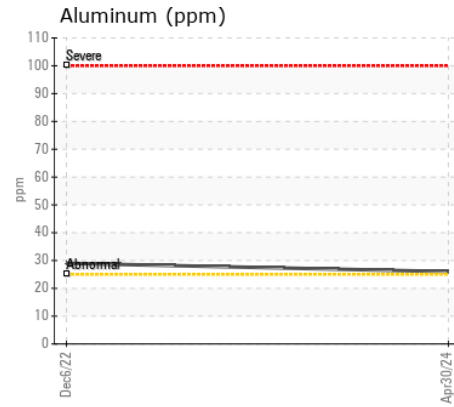
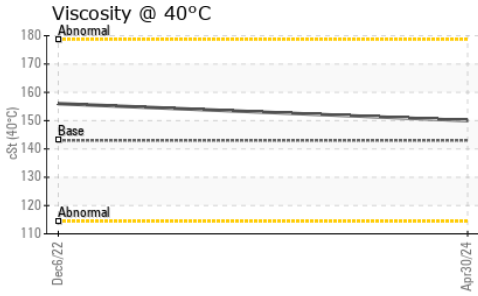
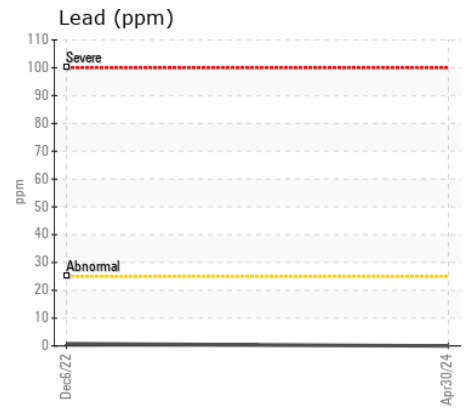
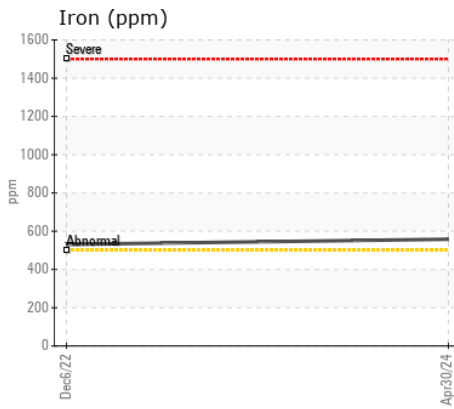
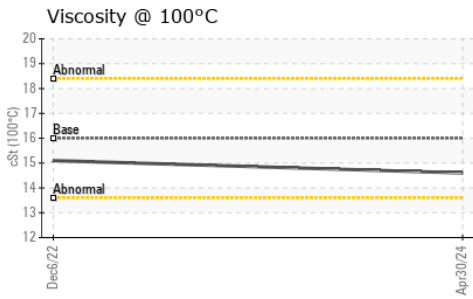
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	78	86	---
Potassium	ppm	ASTM D5185(m)	>20	10	7	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	LIGHT	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>170	26	31	---
Boron	ppm	ASTM D5185(m)	400	26	2	---
Barium	ppm	ASTM D5185(m)	200	1	<1	---
Molybdenum	ppm	ASTM D5185(m)	12	<1	2	---
Manganese	ppm	ASTM D5185(m)		5	6	---
Magnesium	ppm	ASTM D5185(m)	12	8	8	---
Calcium	ppm	ASTM D5185(m)	150	37	38	---
Phosphorus	ppm	ASTM D5185(m)	1650	1371	1565	---
Zinc	ppm	ASTM D5185(m)	125	47	51	---
Sulfur	ppm	ASTM D5185(m)	22500	26197	28722	---
Visc @ 40°C	cSt	ASTM D7279(m)	143	150	156	---
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	14.6	15.1	---
Viscosity Index (VI)	Scale	ASTM D2270*	117	95	96	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082161
Lab Number : 02633200
Unique Number : 5774353
Test Package : MOB 1 (Additional Tests: KV100, PQ, VI)
Received : 03 May 2024
Tested : 06 May 2024
Diagnosed : 06 May 2024 - Kevin Marson

GFL Environmental - 737 - Quebec City Hauling
 6205 Boul. Wilfrid Hamel,
 Quebec City, QC
 CA G2E 5G8
 Contact: Manon Cote
 mcote@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.

T:
F: