



Machine Id
913160
Component
2 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		GFL0117070	GFL0110447	---
Sample Date		Client Info		18 Apr 2024	19 Jan 2024	---
Machine Age	hrs	Client Info		1040	600	---
Oil Age	hrs	Client Info		1040	600	---
Filter Age	hrs	Client Info		1040	600	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>1200	76	56	---
Chromium	ppm	ASTM D5185(m)	>8	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>20	<1	<1	---
Titanium	ppm	ASTM D5185(m)	>4	0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>30	<1	1	---
Lead	ppm	ASTM D5185(m)	>25	0	0	---
Copper	ppm	ASTM D5185(m)	>50	<1	<1	---
Tin	ppm	ASTM D5185(m)	>5	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	VLITE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

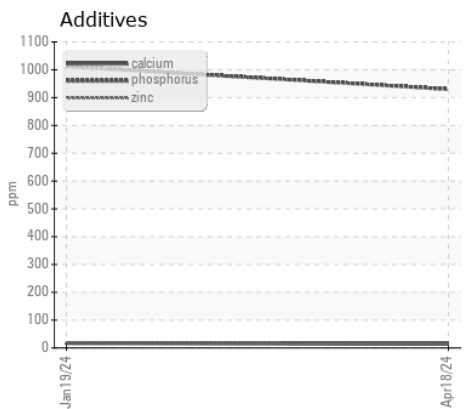
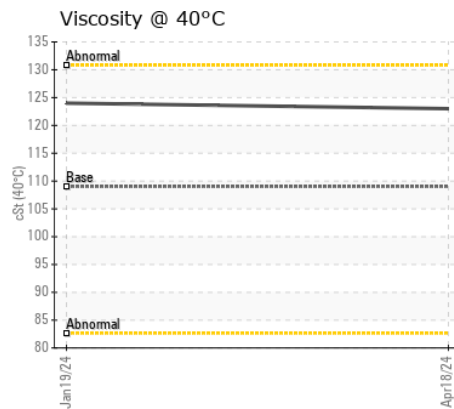
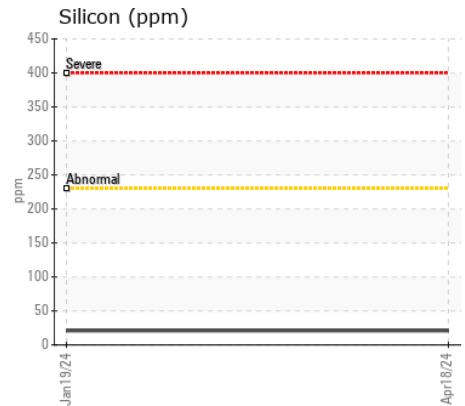
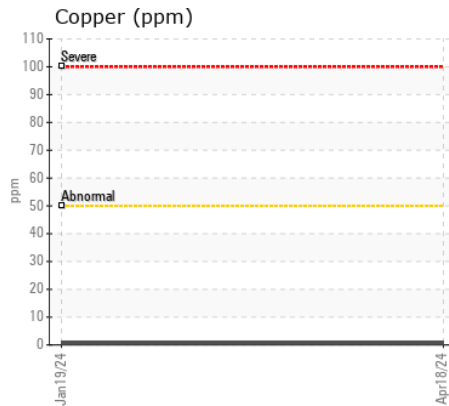
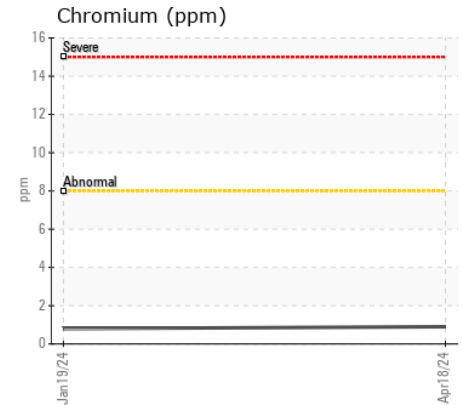
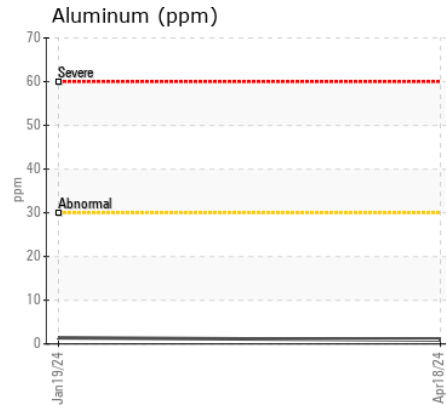
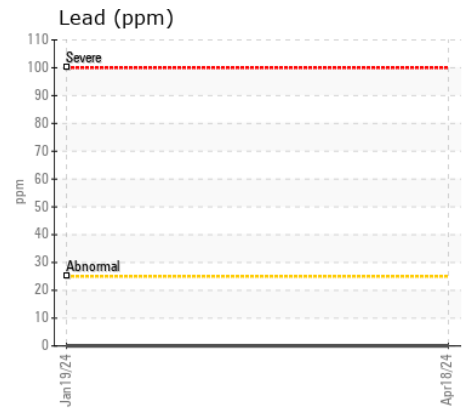
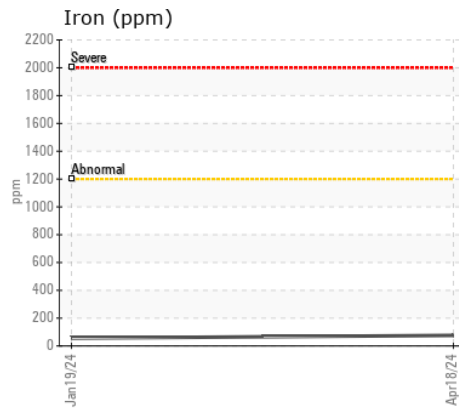
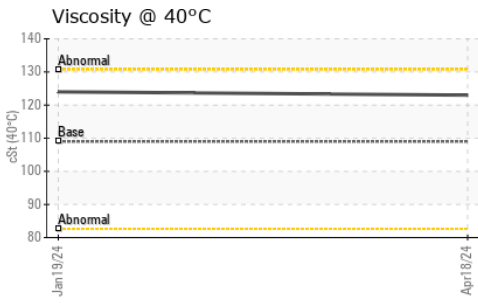
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>230	21	21	---
Potassium	ppm	ASTM D5185(m)	>20	1	2	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	▲ WGOIL	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>.2	NEG	▲ 1%	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		5	5	---
Boron	ppm	ASTM D5185(m)	400	236	234	---
Barium	ppm	ASTM D5185(m)	200	<1	<1	---
Molybdenum	ppm	ASTM D5185(m)	12	0	0	---
Manganese	ppm	ASTM D5185(m)		5	5	---
Magnesium	ppm	ASTM D5185(m)	12	1	2	---
Calcium	ppm	ASTM D5185(m)	150	14	17	---
Phosphorus	ppm	ASTM D5185(m)	1650	930	1012	---
Zinc	ppm	ASTM D5185(m)	125	13	20	---
Sulfur	ppm	ASTM D5185(m)	22500	18373	20108	---
Visc @ 40°C	cSt	ASTM D7279(m)	109	123	124	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0117070
Lab Number : 02630748
Unique Number : 5763880
Test Package : MOB 1
Received : 22 Apr 2024
Tested : 23 Apr 2024
Diagnosed : 23 Apr 2024 - Wes Davis

GFL Environmental - 732 - Beauce - Hauling - Solid Waste
 139, 181 Street,
 Beauceville, QC
 CA G5X 2S9
 Contact: Sandrine Duval
 sduval@matrec.ca
 T: (418)774-5275
 F: (418)774-5292

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.