



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
359015
 Component
Diesel Engine
 Fluid
SAE 5W20 (--- 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		PC0082213	GFL0041731	---
Sample Date		Client Info		02 May 2024	31 Jan 2022	---
Machine Age	kms	Client Info		154017	91929	---
Oil Age	kms	Client Info		0	0	---
Filter Age	kms	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	21	22	---
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>2	0	<1	---
Titanium	ppm	ASTM D5185(m)	>2	<1	<1	---
Silver	ppm	ASTM D5185(m)	>2	0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	5	4	---
Lead	ppm	ASTM D5185(m)	>40	0	<1	---
Copper	ppm	ASTM D5185(m)	>330	2	3	---
Tin	ppm	ASTM D5185(m)	>15	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

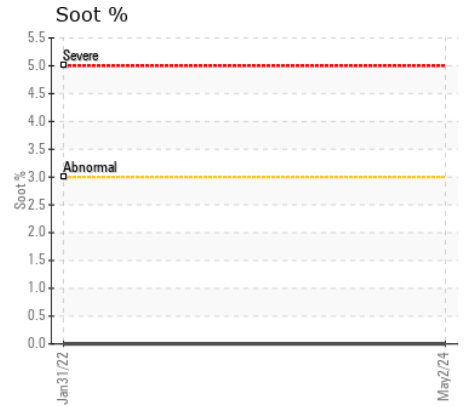
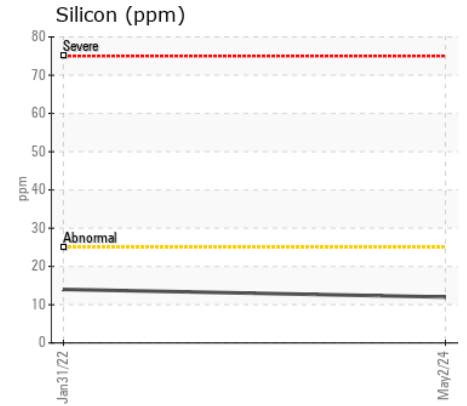
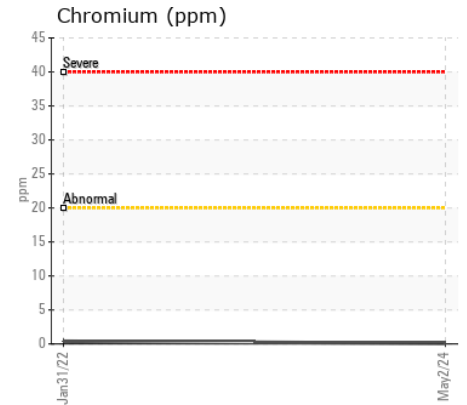
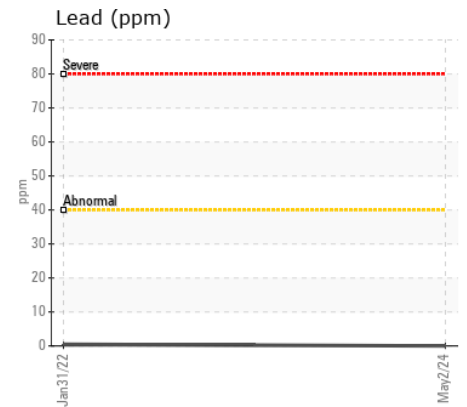
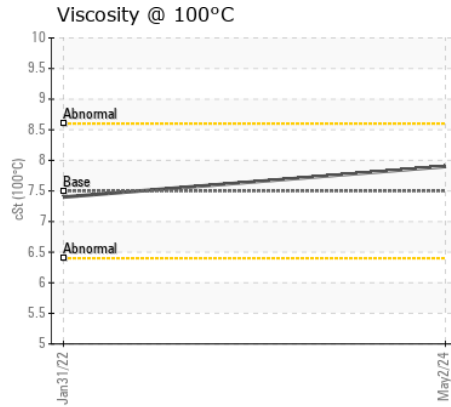
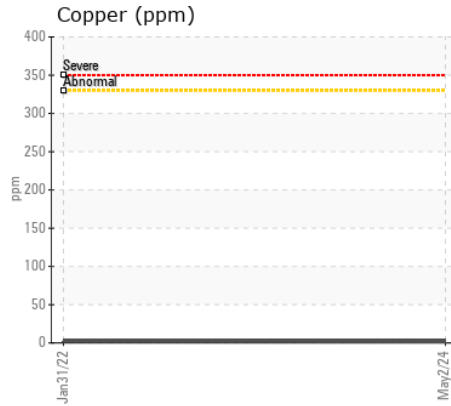
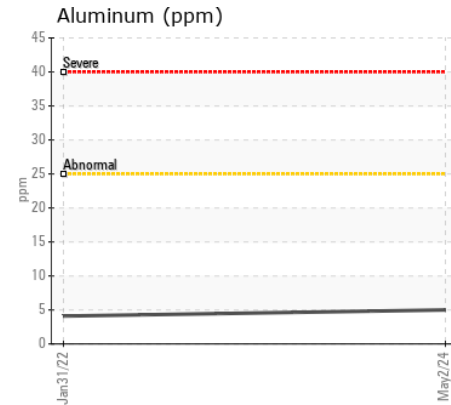
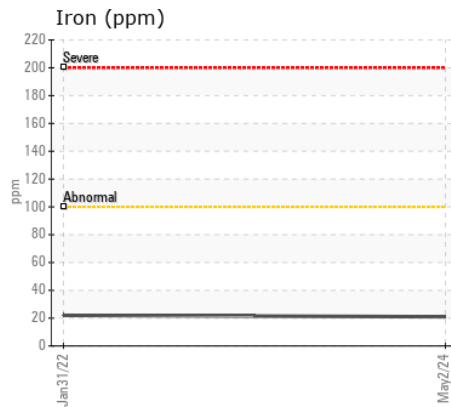
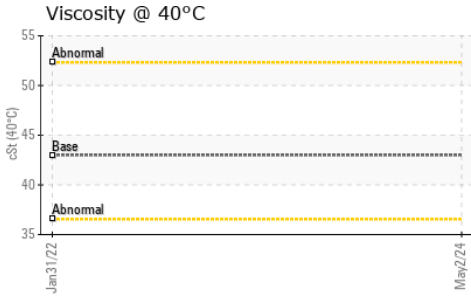
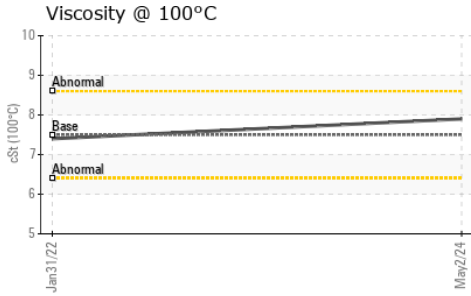
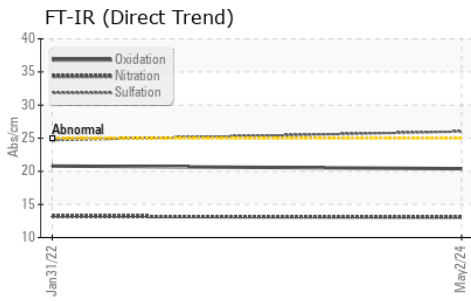
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	12	14	---
Potassium	ppm	ASTM D5185(m)	>20	6	1	---
Fuel		WC Method	>5	<1.0	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*	>3	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	13.1	13.2	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	26.0	24.7	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		7	5	---
Boron	ppm	ASTM D5185(m)		11	10	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)		74	71	---
Manganese	ppm	ASTM D5185(m)		<1	2	---
Magnesium	ppm	ASTM D5185(m)		442	460	---
Calcium	ppm	ASTM D5185(m)		1169	1162	---
Phosphorus	ppm	ASTM D5185(m)		628	677	---
Zinc	ppm	ASTM D5185(m)		743	756	---
Sulfur	ppm	ASTM D5185(m)		1679	1779	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	20.4	20.8	---
Visc @ 40°C	cSt	ASTM D7279(m)	43.0	45.6	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.5	7.9	7.4	---
Viscosity Index (VI)	Scale	ASTM D2270*	141	144	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082213 **Received** : 10 May 2024
Lab Number : 02634508 **Tested** : 13 May 2024
Unique Number : 5775661 **Diagnosed** : 13 May 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: KV40, VI)

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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.