



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
824031
 Component
Diesel Engine
 Fluid
DIESEL ENGINE OIL SAE 10W30 (--- GAL)

RECOMMENDATION

Aucune mesure corrective n'est recommandée pour l'instant.
 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		GFL0094637	GFL0079076	---
Sample Date		Client Info		19 Feb 2024	06 Dec 2023	---
Machine Age	kms	Client Info		326999	881768	---
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	Changed	---
Sample Status				NORMAL	SEVERE	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>110	14	206	---
Chromium	ppm	ASTM D5185(m)	>4	<1	7	---
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>2	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	3	8	---
Lead	ppm	ASTM D5185(m)	>45	<1	11	---
Copper	ppm	ASTM D5185(m)	>85	<1	4	---
Tin	ppm	ASTM D5185(m)	>4	0	4	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

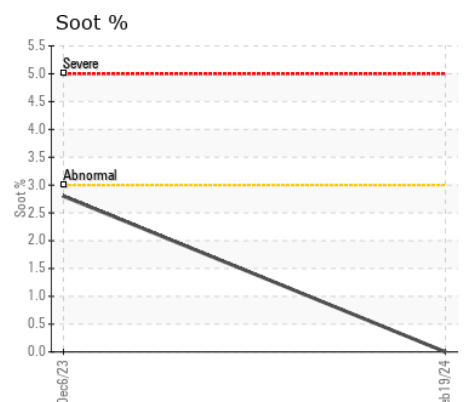
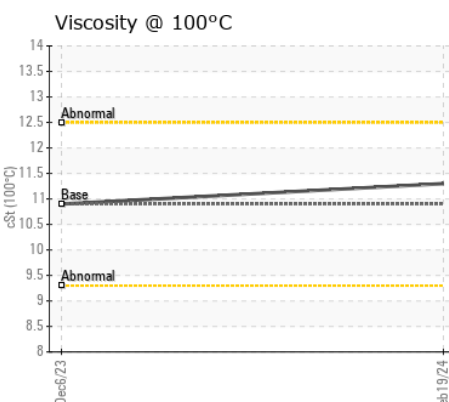
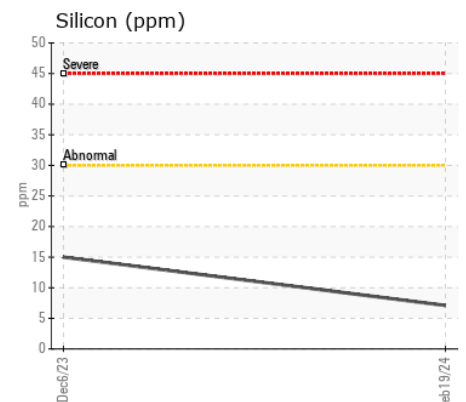
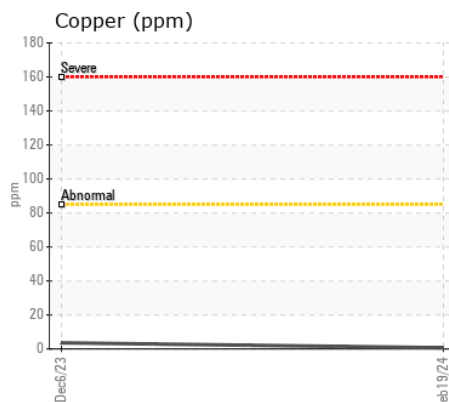
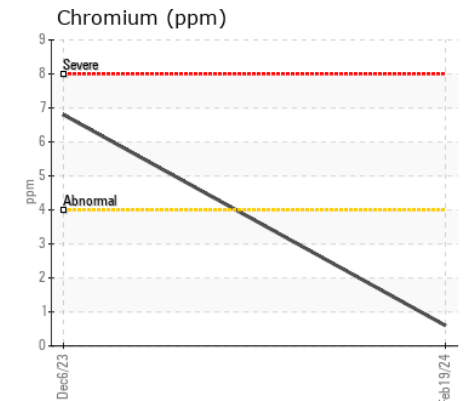
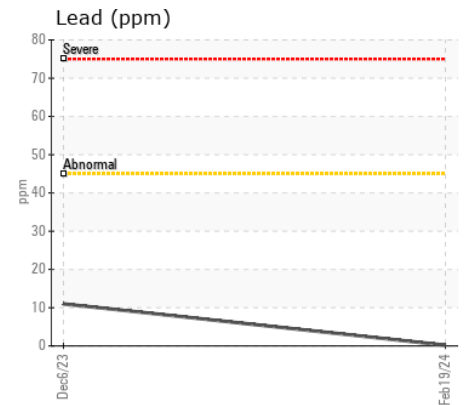
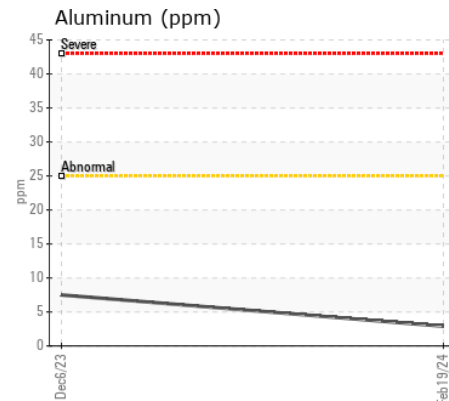
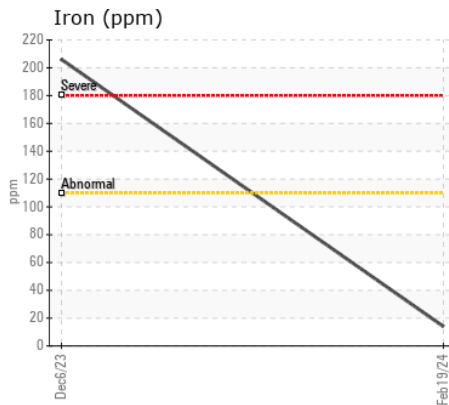
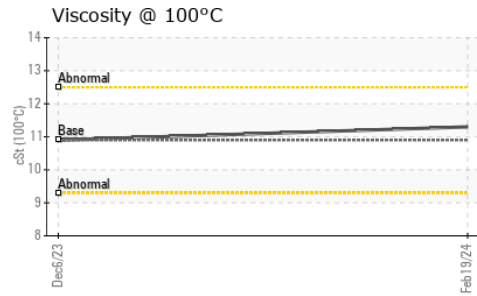
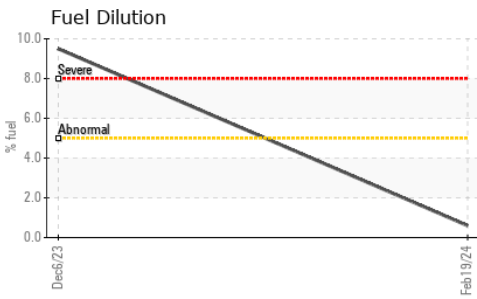
La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>30	7	15	---
Potassium	ppm	ASTM D5185(m)	>20	1	<1	---
Fuel	%	ASTM D7593*	>5	0.6	9.5	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*	>3	0	2.8	---
Nitration	Abs/cm	ASTM D7624*	>20	5.7	19.0	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.4	34.7	---
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)		3	5	---
Boron	ppm	ASTM D5185(m)	250	14	22	---
Barium	ppm	ASTM D5185(m)	10	0	0	---
Molybdenum	ppm	ASTM D5185(m)	100	61	66	---
Manganese	ppm	ASTM D5185(m)		0	1	---
Magnesium	ppm	ASTM D5185(m)	450	964	476	---
Calcium	ppm	ASTM D5185(m)	3000	1089	1281	---
Phosphorus	ppm	ASTM D5185(m)	1150	1027	785	---
Zinc	ppm	ASTM D5185(m)	1350	1171	953	---
Sulfur	ppm	ASTM D5185(m)	4250	2781	2160	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	14.1	37.3	---
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	11.3	10.9	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0094637 **Received** : 26 Feb 2024
Lab Number : 02618006 **Tested** : 27 Feb 2024
Unique Number : 5735116 **Diagnosed** : 27 Feb 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: PercentFuel)

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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