



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
9236
 Component
Diesel Engine
 Fluid
DIESEL ENGINE OIL SAE 10W30 (--- 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		GFL0099850	GFL0094564	GFL0081343
Sample Date		Client Info		29 Feb 2024	19 Dec 2023	29 Aug 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		600	600	600
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		None	None	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>120	9	9	12
Chromium	ppm	ASTM D5185(m)	>20	0	0	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	<1
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>20	4	4	3
Lead	ppm	ASTM D5185(m)	>40	2	1	4
Copper	ppm	ASTM D5185(m)	>330	2	1	<1
Tin	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	VLITE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

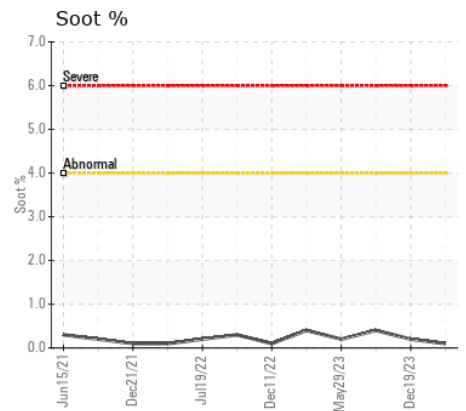
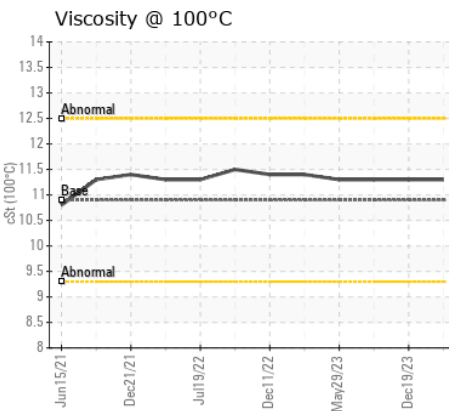
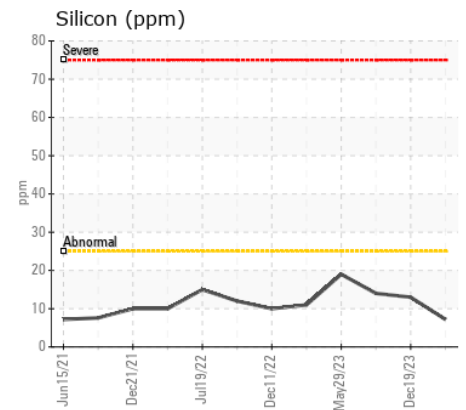
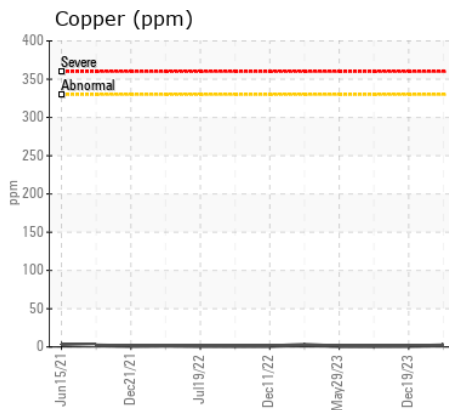
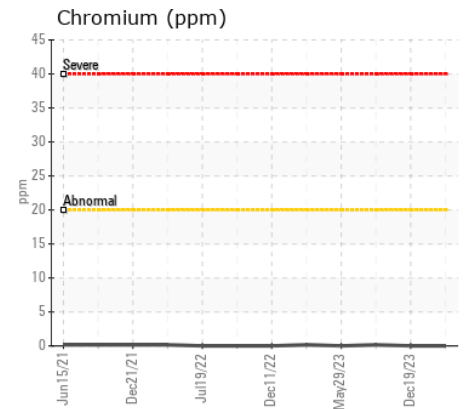
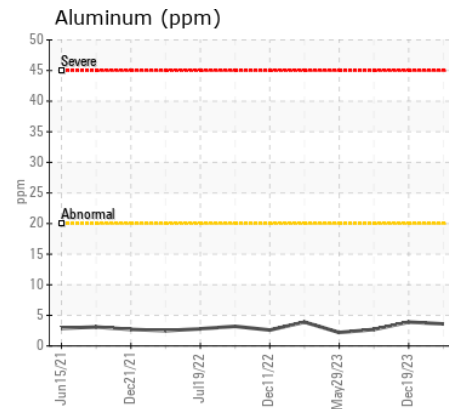
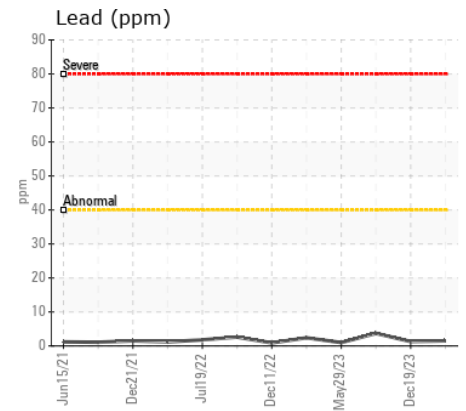
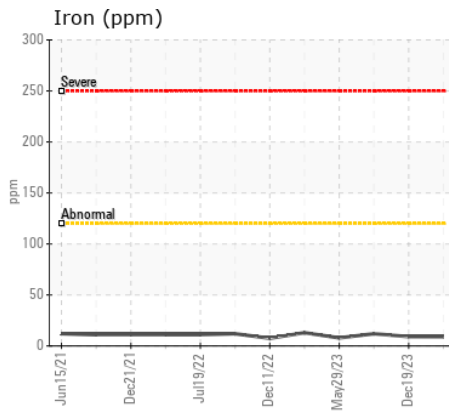
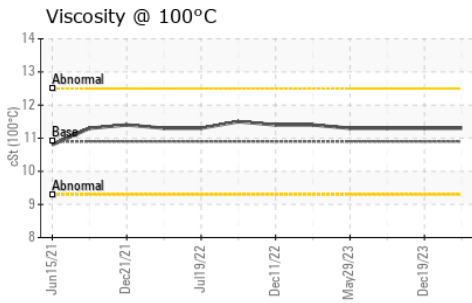
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	7	13	14
Potassium	ppm	ASTM D5185(m)	>20	5	6	3
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>4	0.1	0.2	0.4
Nitration	Abs/cm	ASTM D7624*	>20	9.1	9.4	9.2
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.7	22.4	23.4
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		3	2	4
Boron	ppm	ASTM D5185(m)	250	35	28	19
Barium	ppm	ASTM D5185(m)	10	0	0	0
Molybdenum	ppm	ASTM D5185(m)	100	3	<1	<1
Manganese	ppm	ASTM D5185(m)		0	0	<1
Magnesium	ppm	ASTM D5185(m)	450	746	733	736
Calcium	ppm	ASTM D5185(m)	3000	1367	1337	1330
Phosphorus	ppm	ASTM D5185(m)	1150	706	692	723
Zinc	ppm	ASTM D5185(m)	1350	787	764	776
Sulfur	ppm	ASTM D5185(m)	4250	2626	2512	2376
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.3	15.9	16.5
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	11.3	11.3	11.3



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0099850
Lab Number : 02620074
Unique Number : 5737184
Test Package : MOB 1 (Additional Tests: Visual)

GFL Environmental - 736 - Trois-Rivieres
 2920 Bellefeuille,
 Trois-Rivieres, QC
 CA G9A 5R5
 Contact: Jean Demontigny
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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.