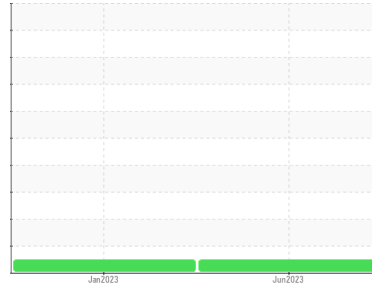




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
426132

Component
Diesel Engine

Fluid
DIESEL ENGINE OIL SAE 10W30 (--- GAL)

DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Wear

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

Contamination

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

Fluid Condition

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0084412	GFL0062064	---
Sample Date	Client Info	29 Jun 2023	13 Jan 2023	---
Machine Age	kms Client Info	310528	316528	---
Oil Age	kms Client Info	0	0	---
Oil Changed	Client Info	Changed	N/A	---
Sample Status		NORMAL	NORMAL	---

CONTAMINATION

method	limit/base	current	history1	history2
Fuel	WC Method >5	<1.0	<1.0	---
Glycol	WC Method	NEG	NEG	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >110	43	14	---
Chromium	ppm ASTM D5185(m) >4	2	<1	---
Nickel	ppm ASTM D5185(m) >2	<1	<1	---
Titanium	ppm ASTM D5185(m)	<1	0	---
Silver	ppm ASTM D5185(m) >2	<1	0	---
Aluminum	ppm ASTM D5185(m) >25	2	2	---
Lead	ppm ASTM D5185(m) >45	2	<1	---
Copper	ppm ASTM D5185(m) >85	2	<1	---
Tin	ppm ASTM D5185(m) >4	<1	0	---
Antimony	ppm ASTM D5185(m)	0	0	---
Vanadium	ppm ASTM D5185(m)	0	0	---
Beryllium	ppm ASTM D5185(m)	0	0	---
Cadmium	ppm ASTM D5185(m)	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m) 250	9	46	---
Barium	ppm ASTM D5185(m) 10	0	0	---
Molybdenum	ppm ASTM D5185(m) 100	61	66	---
Manganese	ppm ASTM D5185(m)	<1	<1	---
Magnesium	ppm ASTM D5185(m) 450	979	877	---
Calcium	ppm ASTM D5185(m) 3000	1111	1215	---
Phosphorus	ppm ASTM D5185(m) 1150	1027	1032	---
Zinc	ppm ASTM D5185(m) 1350	1182	1111	---
Sulfur	ppm ASTM D5185(m) 4250	2403	2613	---
Lithium	ppm ASTM D5185(m)	<1	<1	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >30	4	3	---
Sodium	ppm ASTM D5185(m)	6	2	---
Potassium	ppm ASTM D5185(m) >20	<1	0	---

INFRA-RED

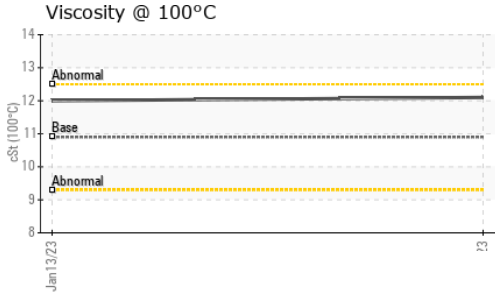
method	limit/base	current	history1	history2
Soot %	% ASTM D7844* >3	0.6	0	---
Nitration	Abs/cm ASTM D7624* >20	8.3	5.7	---
Sulfation	Abs/.1mm ASTM D7415* >30	20.9	20.4	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs/.1mm ASTM D7414* >25	16.1	14.1	---



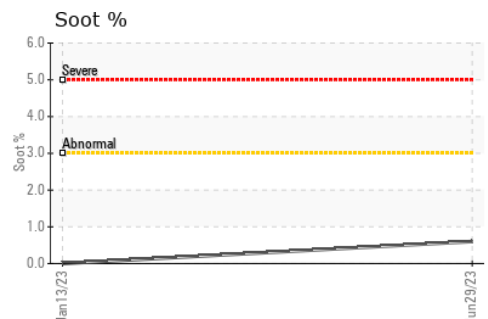
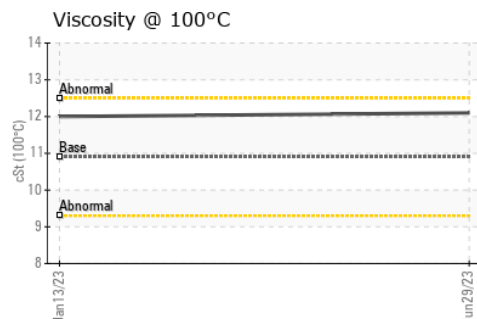
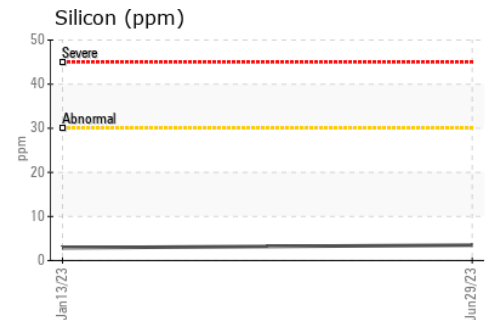
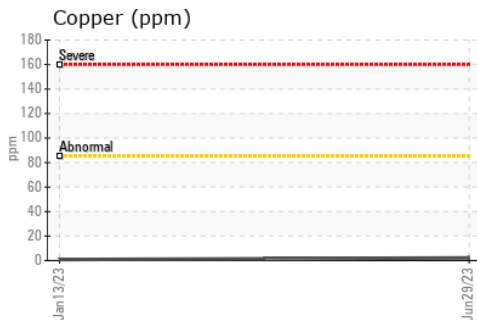
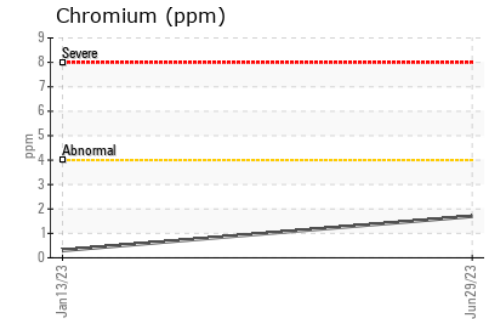
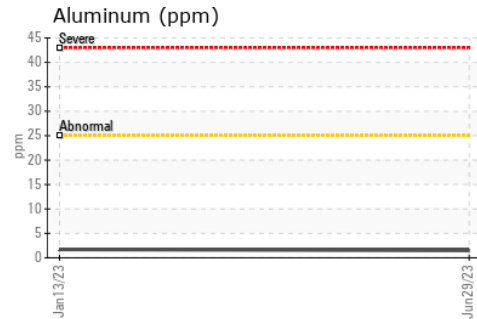
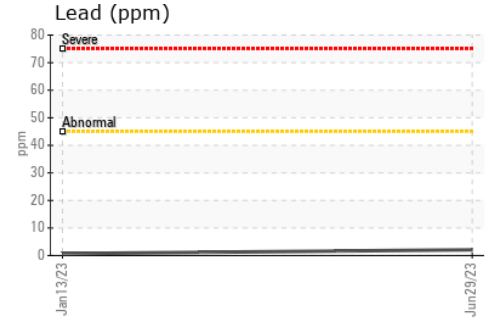
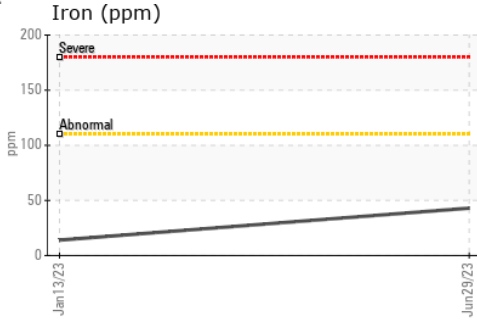
OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.2	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	12.1	12.0

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0084412 **Received** : 10 Jul 2023 4365 boul. St-Elzear Ouest, Laval, QC
Lab Number : 02568703 **Diagnosed** : 10 Jul 2023 CA H7P 4J3
Unique Number : 5605749 **Diagnostician** : Wes Davis
Test Package : MOB 1

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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