

Machine Id
713071
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. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0114830	GFL0103763	GFL0084396
Sample Date		Client Info		21 Mar 2024	23 Jan 2024	02 Oct 2023
Machine Age	hrs	Client Info		1834	1571	9953
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	10	16	20
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>3	0	<1	1
Aluminum	ppm	ASTM D5185(m)	>20	2	4	5
Lead	ppm	ASTM D5185(m)	>40	0	3	5
Copper	ppm	ASTM D5185(m)	>330	38	131	193
Tin	ppm	ASTM D5185(m)	>15	0	<1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

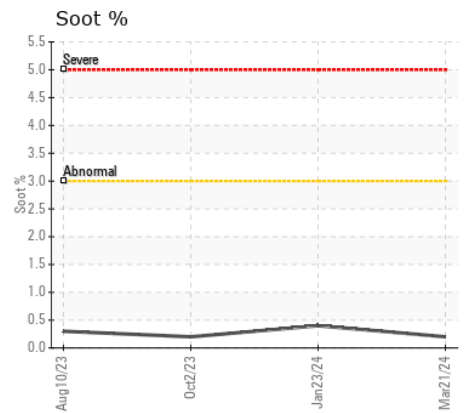
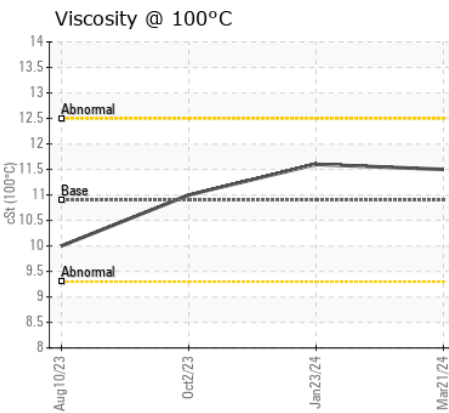
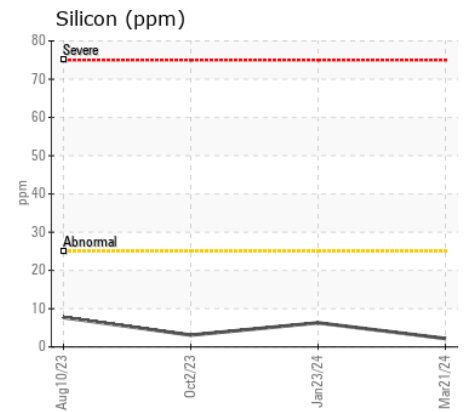
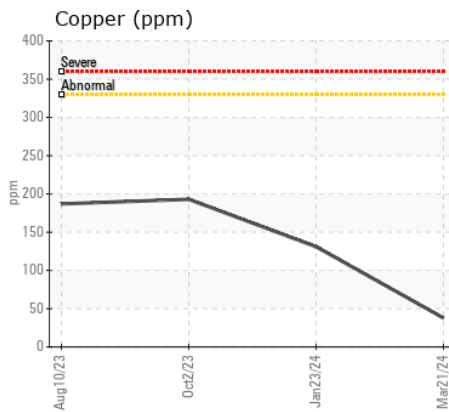
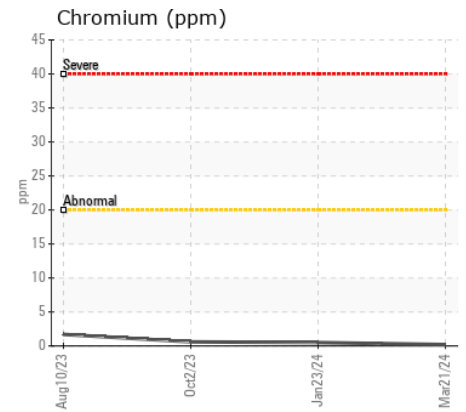
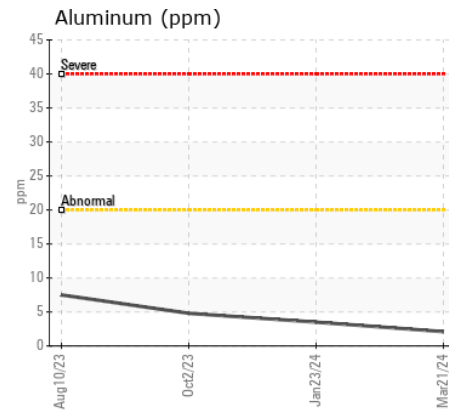
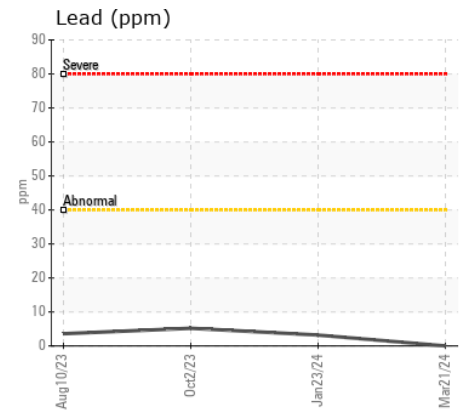
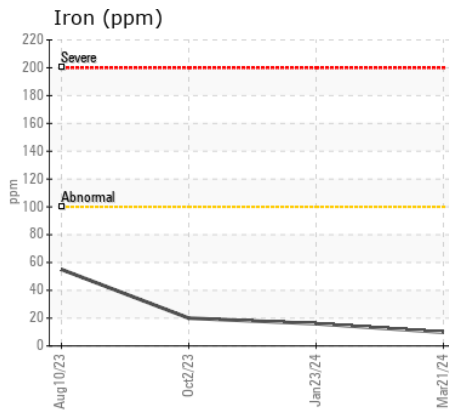
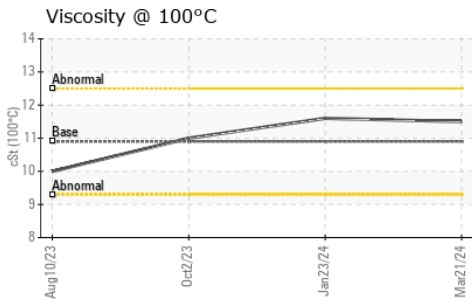
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	2	6	3
Potassium	ppm	ASTM D5185(m)	>20	5	8	12
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.2	0.4	0.2
Nitration	Abs/cm	ASTM D7624*	>20	6.4	8.3	7.0
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.4	22.8	20.4
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)		1	2	2
Boron	ppm	ASTM D5185(m)	250	7	30	7
Barium	ppm	ASTM D5185(m)	10	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	100	55	44	59
Manganese	ppm	ASTM D5185(m)		0	0	<1
Magnesium	ppm	ASTM D5185(m)	450	900	564	917
Calcium	ppm	ASTM D5185(m)	3000	1141	1600	1193
Phosphorus	ppm	ASTM D5185(m)	1150	947	751	956
Zinc	ppm	ASTM D5185(m)	1350	1133	924	1174
Sulfur	ppm	ASTM D5185(m)	4250	2392	2058	2220
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.0	20.8	15.9
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	11.5	11.6	11.0



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114830
Lab Number : 02625159
Unique Number : 5750278
Test Package : MOB 1
Received : 28 Mar 2024
Tested : 28 Mar 2024
Diagnosed : 28 Mar 2024 - Wes Davis

GFL Environmental - 780 - GMA - ICI - Solid Waste
 4365 boul. St-Elzear Ouest,
 Laval, QC
 CA H7P 4J3
 Contact: Louis Michaud
 louis.michaud@gflenv.com

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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F: