



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
711018
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		GFL0103739	GFL008829	GFL0084399
Sample Date		Client Info		11 Jan 2024	07 Sep 2023	06 Jul 2023
Machine Age	kms	Client Info		95540	85850	0
Oil Age	kms	Client Info		0	0	600
Filter Age	kms	Client Info		0	0	600
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Iron	ppm	ASTM D5185(m)	>120	10	7	13
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	1	<1	1
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	2	1	2
Lead	ppm	ASTM D5185(m)	>40	<1	<1	<1
Copper	ppm	ASTM D5185(m)	>330	3	2	4
Tin	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

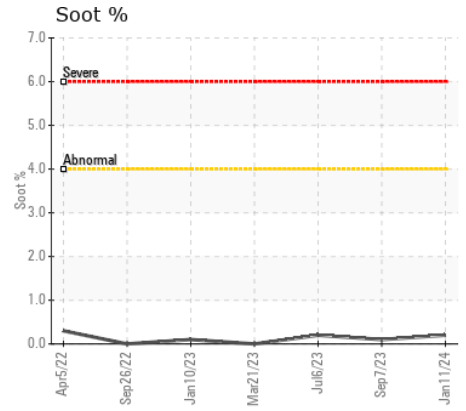
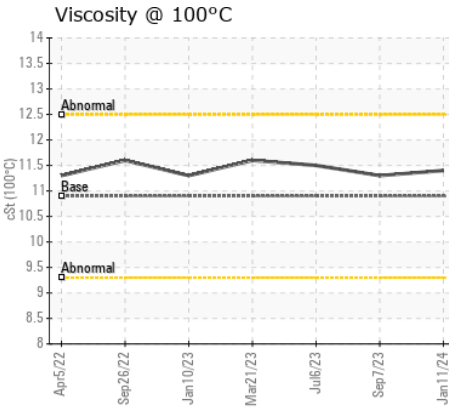
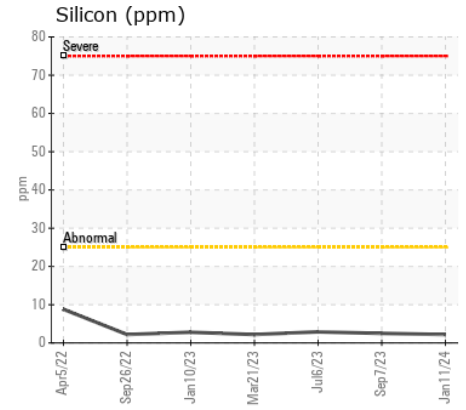
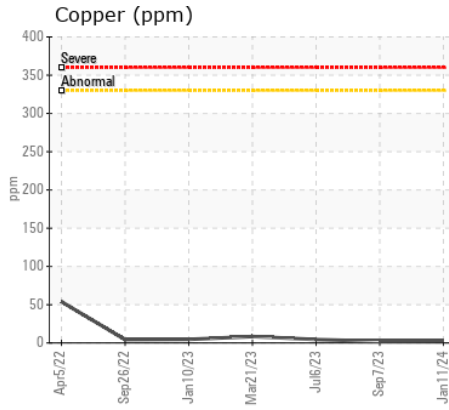
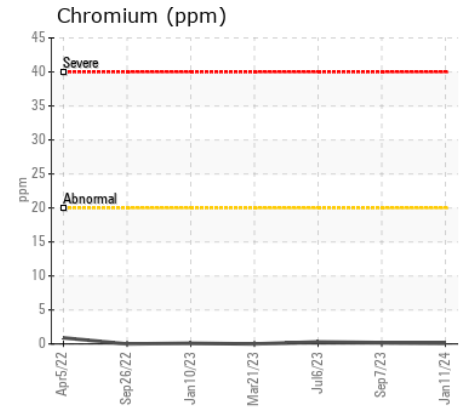
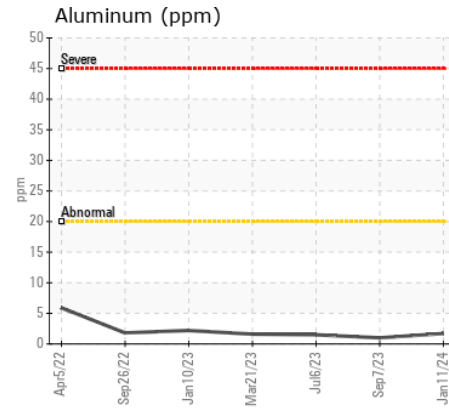
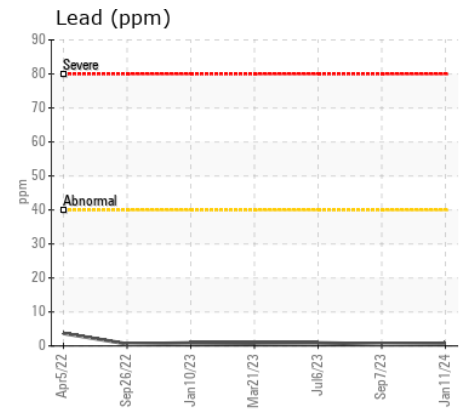
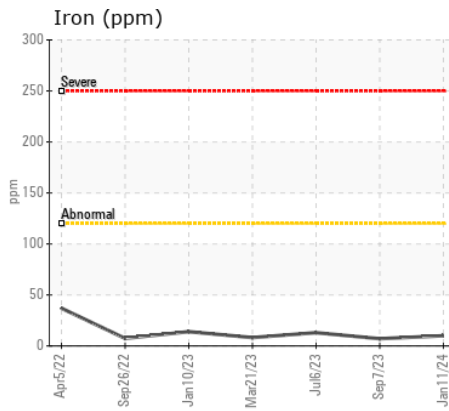
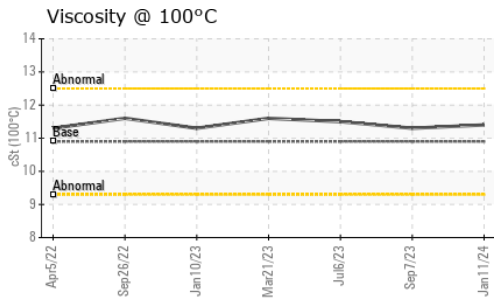
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	2	2	3
Potassium	ppm	ASTM D5185(m)	>20	3	1	1
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	0.2	0.1	0.2
Nitration	Abs/cm	ASTM D7624*	>20	7.8	6.1	8.5
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.2	17.7	19.9
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)		14	1	2
Boron	ppm	ASTM D5185(m)	250	1	2	3
Barium	ppm	ASTM D5185(m)	10	0	0	0
Molybdenum	ppm	ASTM D5185(m)	100	54	57	60
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)	450	878	947	984
Calcium	ppm	ASTM D5185(m)	3000	1033	1134	1047
Phosphorus	ppm	ASTM D5185(m)	1150	927	1066	1067
Zinc	ppm	ASTM D5185(m)	1350	1091	1201	1202
Sulfur	ppm	ASTM D5185(m)	4250	2592	2620	2461
Oxidation	Abs/.1mm	ASTM D7414*	>25	14.7	12.8	15.4
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	11.4	11.3	11.5



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0103739 **Received** : 18 Jan 2024 4365 boul. St-Elzear Ouest, Laval, QC
Lab Number : 02609684 **Diagnosed** : 18 Jan 2024 CA H7P 4J3
Unique Number : 5710770 **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.

Contact: Pieces Laval
 pieces.laval@gflenv.com
 T: (450)687-3838
 F: