



Machine Id
411048
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		GFL0093671	GFL0063133	GFL0063147
Sample Date		Client Info		04 Apr 2024	28 Nov 2023	12 Oct 2023
Machine Age	hrs	Client Info		4140	3549	3295
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Filter Changed		Client Info		Changed	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>120	12	6	13
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	0
Silver	ppm	ASTM D5185(m)	>2	0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>20	2	1	2
Lead	ppm	ASTM D5185(m)	>40	<1	<1	2
Copper	ppm	ASTM D5185(m)	>330	8	3	9
Tin	ppm	ASTM D5185(m)	>15	<1	<1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

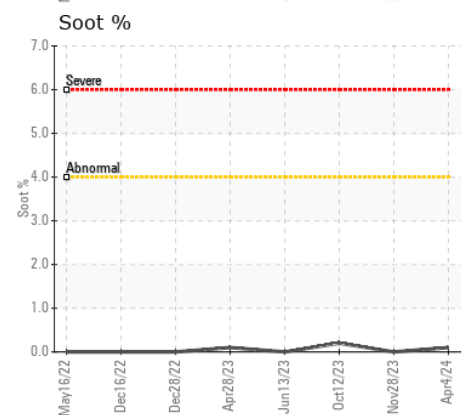
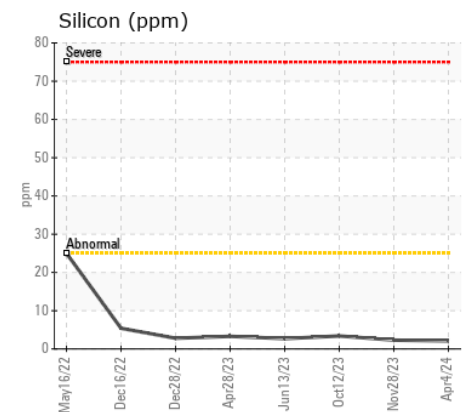
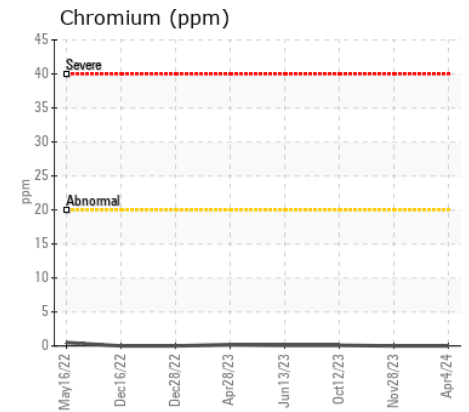
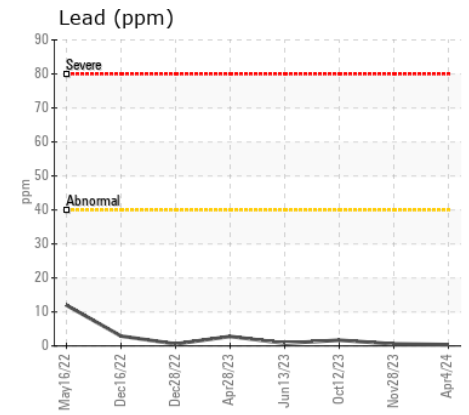
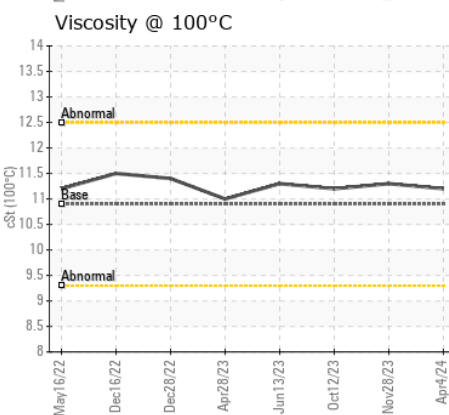
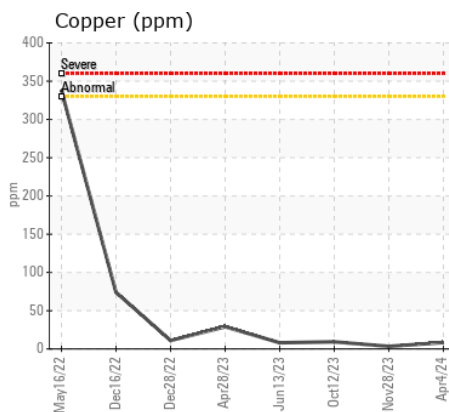
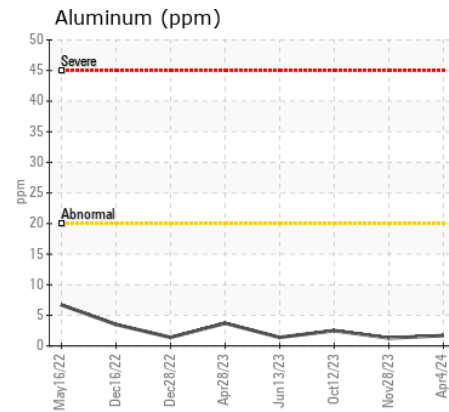
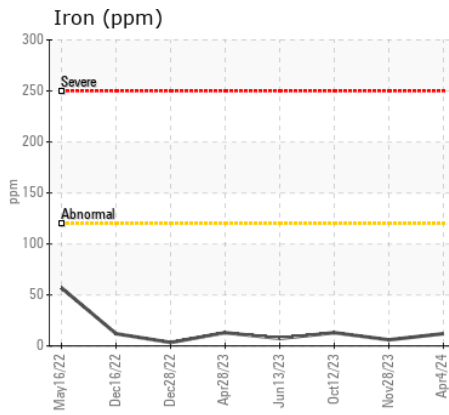
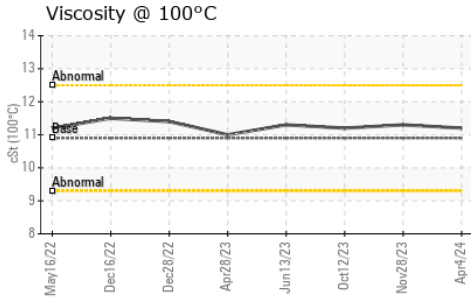
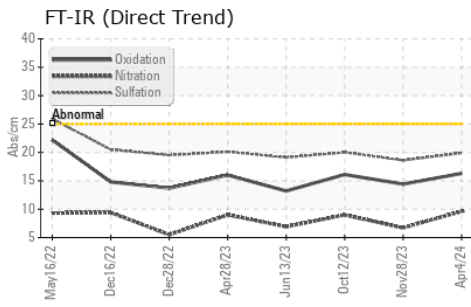
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	2	2	3
Potassium	ppm	ASTM D5185(m)	>20	3	1	5
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	0.2
Nitration	Abs/cm	ASTM D7624*	>20	9.6	6.7	9.0
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.9	18.6	20.0
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	1	2
Boron	ppm	ASTM D5185(m)	250	1	2	2
Barium	ppm	ASTM D5185(m)	10	0	0	0
Molybdenum	ppm	ASTM D5185(m)	100	59	59	61
Manganese	ppm	ASTM D5185(m)		<1	0	0
Magnesium	ppm	ASTM D5185(m)	450	1002	949	1002
Calcium	ppm	ASTM D5185(m)	3000	1106	1078	1160
Phosphorus	ppm	ASTM D5185(m)	1150	1032	1004	1063
Zinc	ppm	ASTM D5185(m)	1350	1229	1212	1274
Sulfur	ppm	ASTM D5185(m)	4250	2627	2630	2642
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.3	14.4	16.1
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	11.2	11.3	11.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 769 - Drummondville CD**
Sample No. : GFL0093671 **Received** : 12 Apr 2024 1005 rue Rhea
Lab Number : 02628354 **Tested** : 12 Apr 2024 Drummondville, QC
Unique Number : 5761486 **Diagnosed** : 12 Apr 2024 - Wes Davis CA J2B 8A9
Test Package : MOB 1 **Contact**: Service Manager

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.

T:
F: