



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
OR483

Component
Diesel Engine

Fluid
APRIL SUPERFLO SUPERPRO RXL SYN 5W40 (--- 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		GFL0089227	GFL0061634	GFL0061617
Sample Date		Client Info		22 Dec 2023	11 Nov 2023	27 Sep 2023
Machine Age	hrs	Client Info		12046	11770	11453
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	Changed
Filter Changed		Client Info		N/A	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)	>51	9	12	29
Chromium	ppm	ASTM D5185(m)	>11	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>3	0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>31	2	1	2
Lead	ppm	ASTM D5185(m)	>26	0	<1	1
Copper	ppm	ASTM D5185(m)	>26	<1	2	4
Tin	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

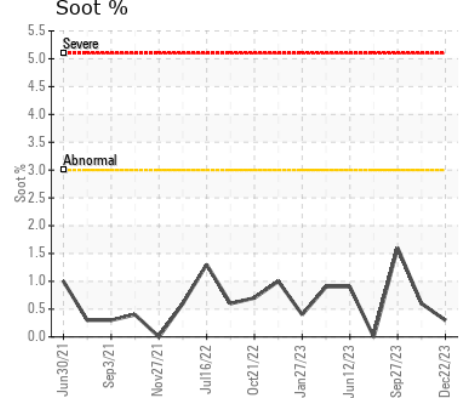
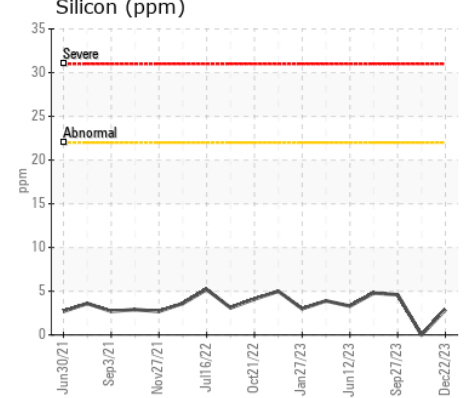
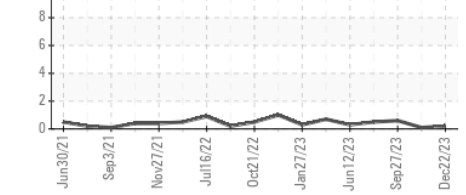
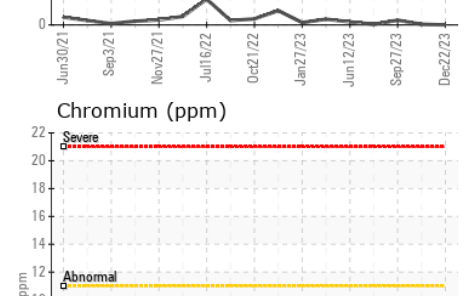
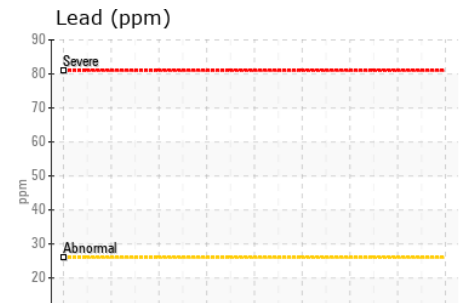
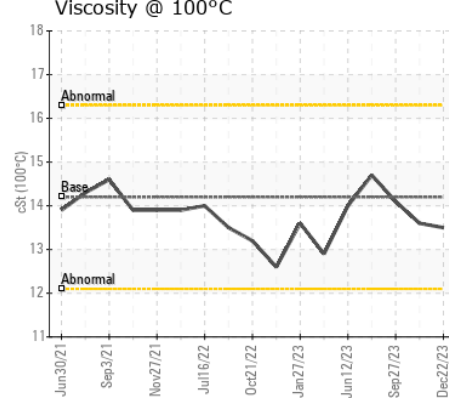
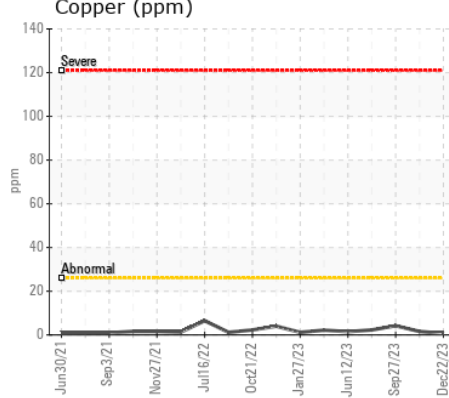
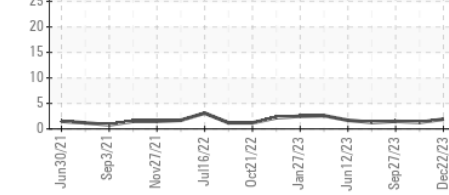
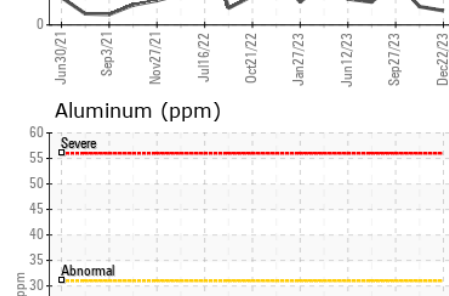
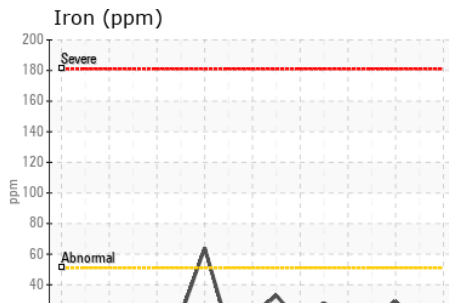
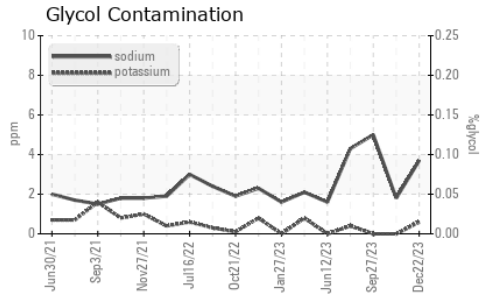
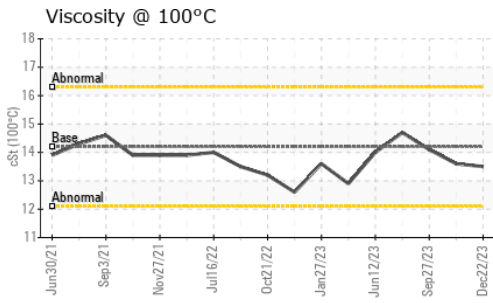
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>22	3	0	5
Potassium	ppm	ASTM D5185(m)	>20	<1	0	0
Fuel		WC Method	>2.1	<1.0	<1.0	<1.0
Water		WC Method	>0.21	NEG	NEG	NEG
Glycol	%	ASTM D7922*		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.3	0.6	1.6
Nitration	Abs/cm	ASTM D7624*	>20	8.1	6.9	10.5
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.5	20.5	24.4
Emulsified Water	scalar	Visual*	>0.21	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>31	4	2	5
Boron	ppm	ASTM D5185(m)		32	3	18
Barium	ppm	ASTM D5185(m)		0	<1	<1
Molybdenum	ppm	ASTM D5185(m)		59	61	65
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		1089	1007	1128
Calcium	ppm	ASTM D5185(m)		878	1077	962
Phosphorus	ppm	ASTM D5185(m)		1038	1034	1042
Zinc	ppm	ASTM D5185(m)		1182	1205	1279
Sulfur	ppm	ASTM D5185(m)		2954	2567	2722
Oxidation	Abs/.1mm	ASTM D7414*	>25	17.4	14.9	20.0
Visc @ 100°C	cSt	ASTM D7279(m)	14.2	13.5	13.6	14.1



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 784 - Saint-Hyacinthe
Sample No. : GFL0089227 **Received** : 12 Jan 2024
Lab Number : 02608441 **Diagnosed** : 15 Jan 2024
Unique Number : 5709527 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: Glycol)

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.

3525 Boul. Laurier Est.,
 Saint-Hyacinthe, QC
 CA J2R 2B2
 Contact: Nadine Authier
 nauthier@matrec.ca
 T: (450)773-9689
 F: