



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



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		<b>GFL0114969</b>	GFL0114950	GFL0089243
Sample Date		Client Info		<b>26 Jun 2024</b>	15 May 2024	05 Apr 2024
Machine Age	hrs	Client Info		<b>12966</b>	12751	12523
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	Changed	N/A
Filter Changed		Client Info		<b>N/A</b>	Changed	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>51	<b>14</b>	22	9
Chromium	ppm	ASTM D5185(m)	>11	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>31	<b>1</b>	1	<1
Lead	ppm	ASTM D5185(m)	>26	<b>0</b>	0	0
Copper	ppm	ASTM D5185(m)	>26	<b>1</b>	1	<1
Tin	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

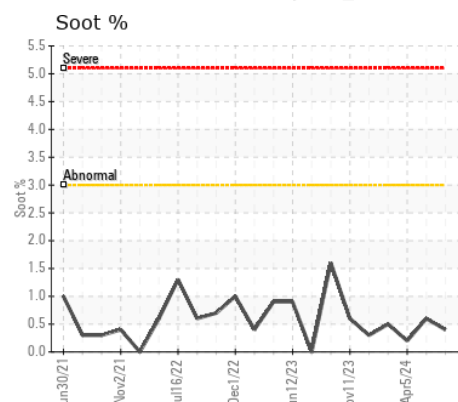
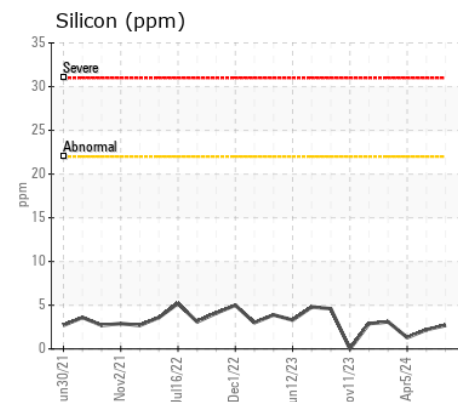
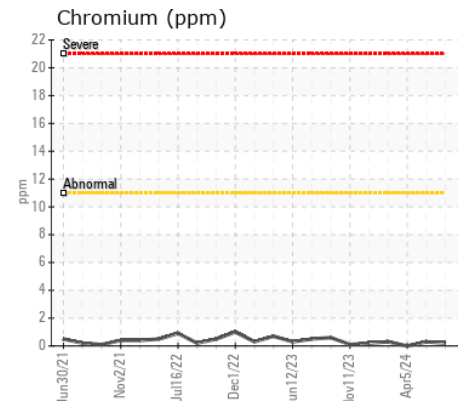
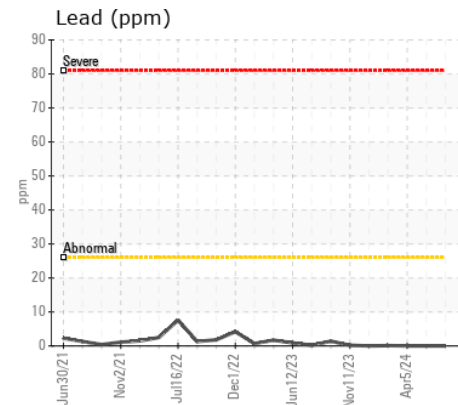
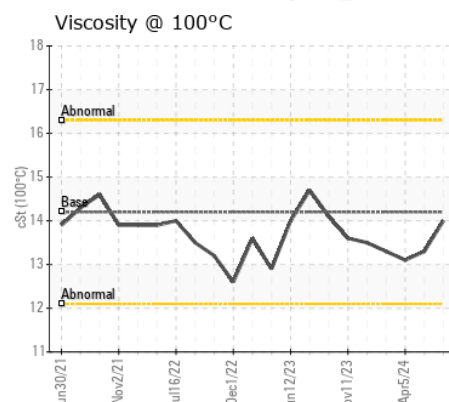
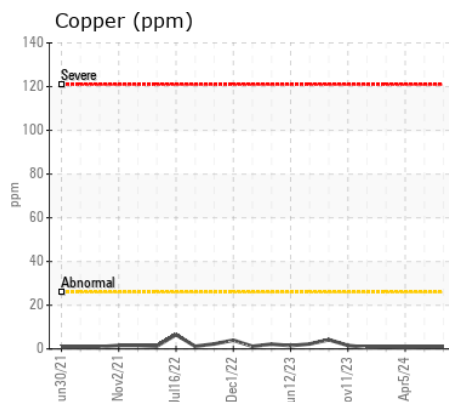
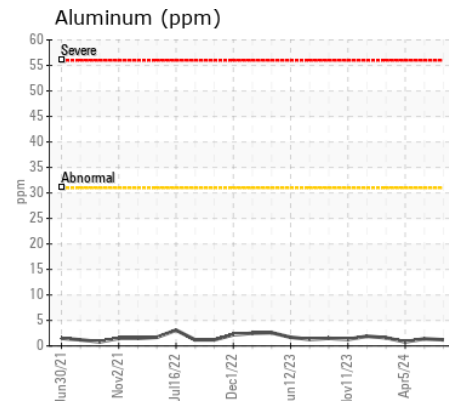
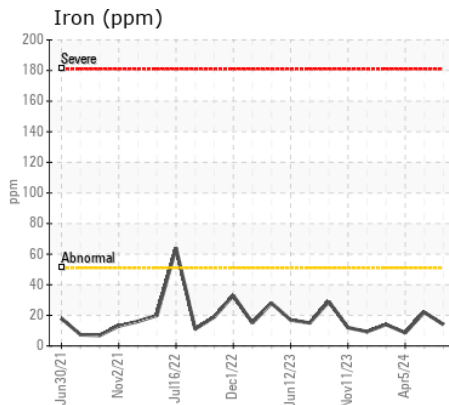
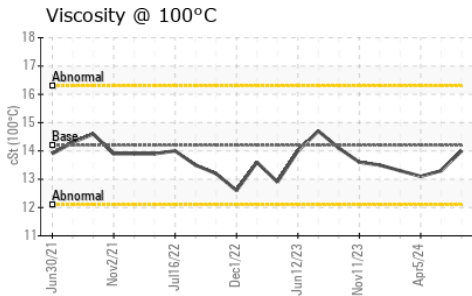
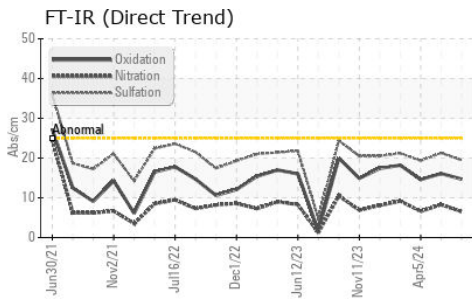
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>22	<b>3</b>	2	1
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	2	0
Fuel		WC Method	>2.1	<b>&lt;1.0</b>	<1.0	<1.0
Water		WC Method	>0.21	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
Soot %	%	ASTM D7844*	>3	<b>0.4</b>	0.6	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.5</b>	8.3	6.6
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>19.5</b>	21.3	19.3
Emulsified Water	scalar	Visual*	>0.21	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)	>31	<b>6</b>	5	2
Boron	ppm	ASTM D5185(m)		<b>4</b>	3	3
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>58</b>	62	60
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Magnesium	ppm	ASTM D5185(m)		<b>974</b>	1010	990
Calcium	ppm	ASTM D5185(m)		<b>1059</b>	1152	1105
Phosphorus	ppm	ASTM D5185(m)		<b>990</b>	1046	1035
Zinc	ppm	ASTM D5185(m)		<b>1209</b>	1259	1197
Sulfur	ppm	ASTM D5185(m)		<b>2603</b>	2584	2586
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>14.7</b>	16.1	14.6
Visc @ 100°C	cSt	ASTM D7279(m)	14.2	<b>14.0</b>	13.3	13.1



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0114969  
**Lab Number** : 02644518  
**Unique Number** : 5802057  
**Test Package** : MOB 1

**GFL Environmental - 784 - Saint-Hyacinthe**  
 3525 Boul. Laurier Est.,  
 Saint-Hyacinthe, QC  
 CA J2R 2B2  
 Contact: Nadine Authier  
 nauthier@matrec.ca  
 T: (450)773-9689  
 F:

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.