



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



Machine Id  
**913138**  
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		<b>GFL0093661</b>	GFL0093641	GFL0063143
Sample Date		Client Info		<b>05 Mar 2024</b>	11 Dec 2023	20 Sep 2023
Machine Age	hrs	Client Info		<b>2560</b>	0	0
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>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Changed</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)	>120	<b>10</b>	17	24
Chromium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>6</b>	4	5
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	2
Aluminum	ppm	ASTM D5185(m)	>20	<b>1</b>	2	2
Lead	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	2
Copper	ppm	ASTM D5185(m)	>330	<b>14</b>	10	48
Tin	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	1	2
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

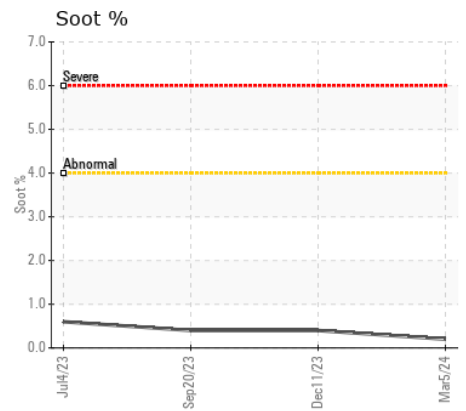
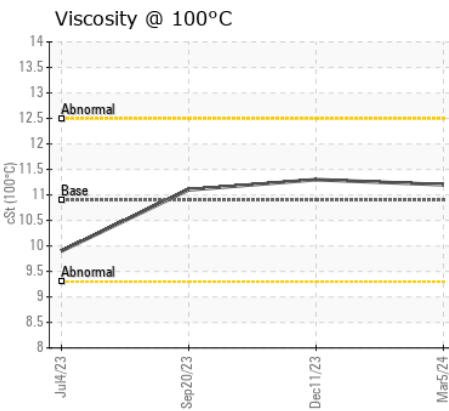
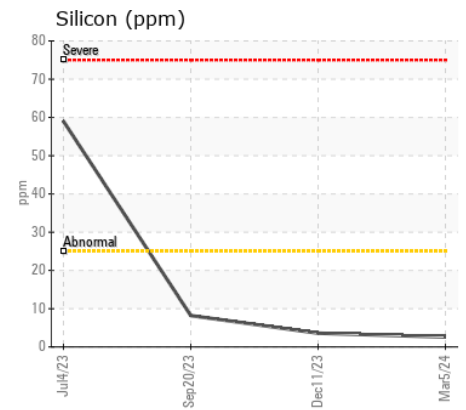
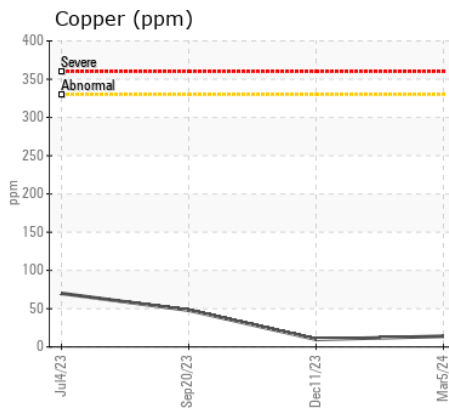
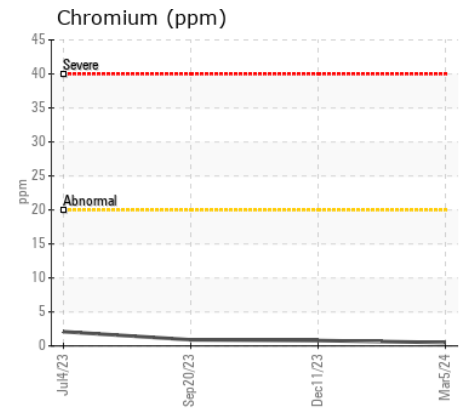
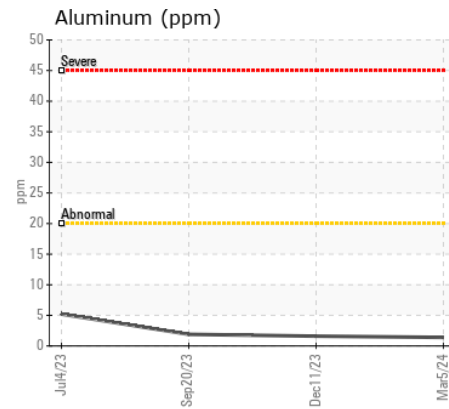
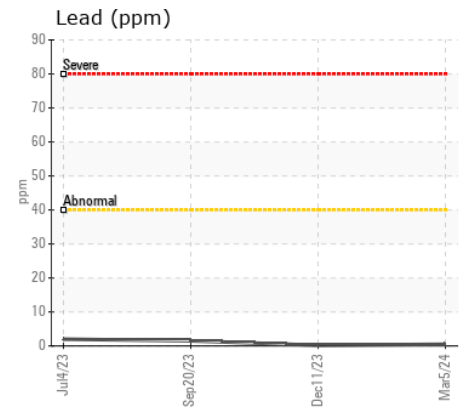
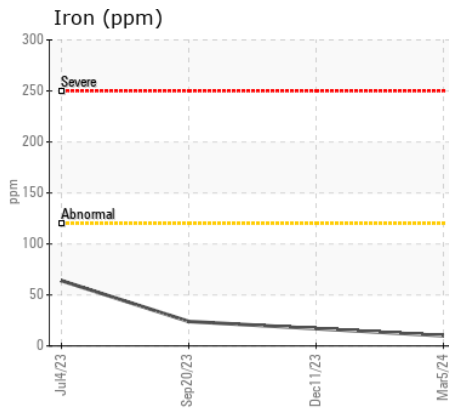
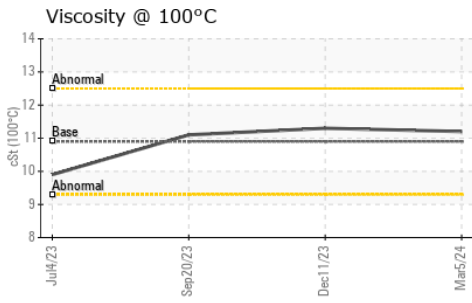
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	<b>3</b>	4	8
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	3
Fuel		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
Soot %	%	ASTM D7844*	>4	<b>0.2</b>	0.4	0.4
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.4</b>	8.9	8.5
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>18.7</b>	20.4	20.5
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>1</b>	1	2
Boron	ppm	ASTM D5185(m)	250	<b>2</b>	2	7
Barium	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)	100	<b>56</b>	58	64
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	450	<b>952</b>	940	959
Calcium	ppm	ASTM D5185(m)	3000	<b>1053</b>	1099	1148
Phosphorus	ppm	ASTM D5185(m)	1150	<b>1007</b>	993	993
Zinc	ppm	ASTM D5185(m)	1350	<b>1157</b>	1172	1185
Sulfur	ppm	ASTM D5185(m)	4250	<b>2694</b>	2570	2303
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>14.4</b>	15.4	16.0
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	<b>11.2</b>	11.3	11.1



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 769 - Drummondville CD**  
**Sample No.** : GFL0093661 **Received** : 08 Mar 2024 1005 rue Rhea  
**Lab Number** : 02620722 **Tested** : 08 Mar 2024 Drummondville, QC  
**Unique Number** : 5737832 **Diagnosed** : 08 Mar 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.

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F: