



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



Machine Id  
**833086**  
Component  
**Diesel Engine**  
Fluid  
**PETRO CANADA DURON SHP 15W40 (--- GAL)**

**RECOMMENDATION**

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage.  
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>GFL0120760</b>	GFL0087615	---
Sample Date		Client Info		<b>18 Apr 2024</b>	23 Oct 2023	---
Machine Age	hrs	Client Info		<b>41185</b>	0	---
Oil Age	hrs	Client Info		<b>600</b>	600	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	N/A	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>80	<b>26</b>	58	---
Chromium	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	1	---
Nickel	ppm	ASTM D5185(m)	>2	<b>1</b>	1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>30	<b>5</b>	6	---
Lead	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	2	---
Copper	ppm	ASTM D5185(m)	>150	<b>4</b>	18	---
Tin	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	2	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

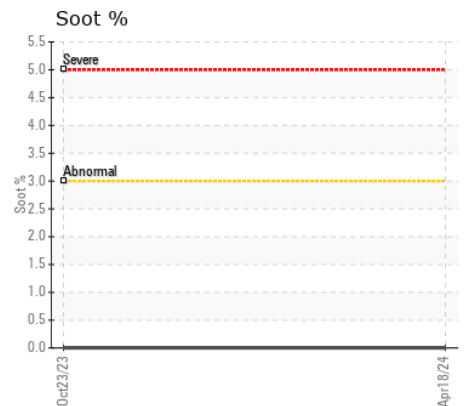
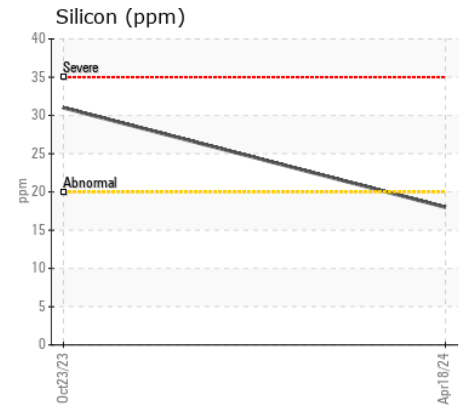
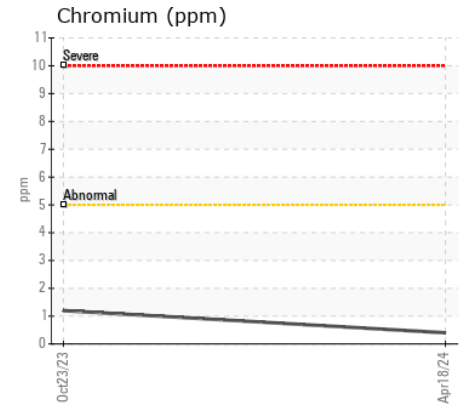
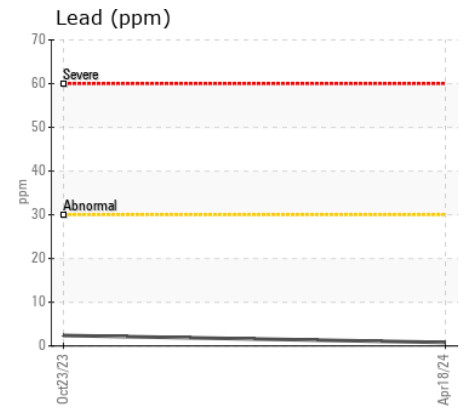
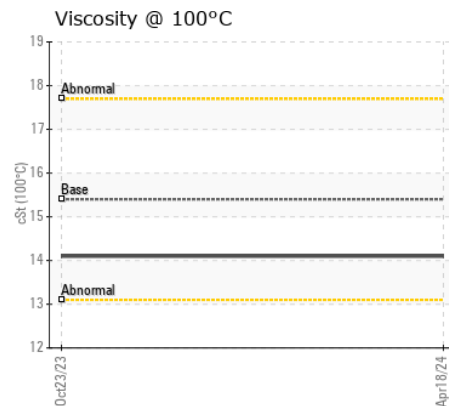
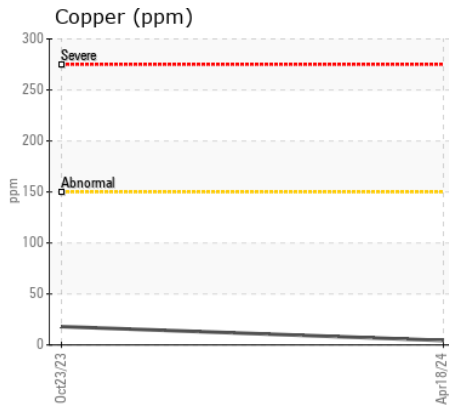
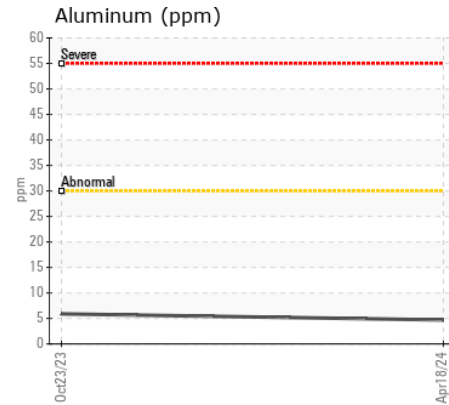
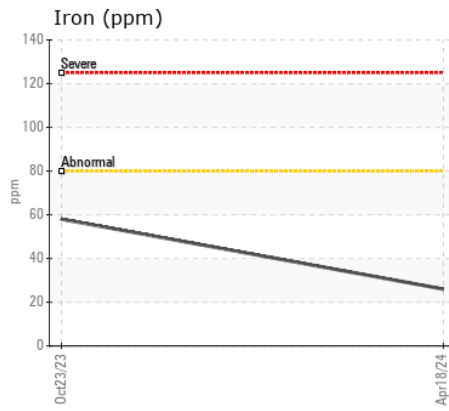
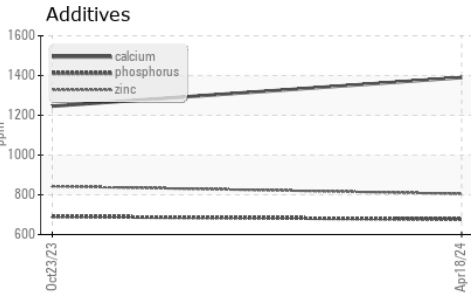
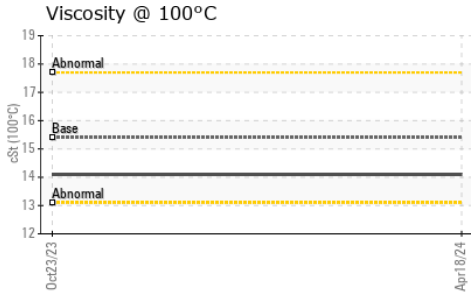
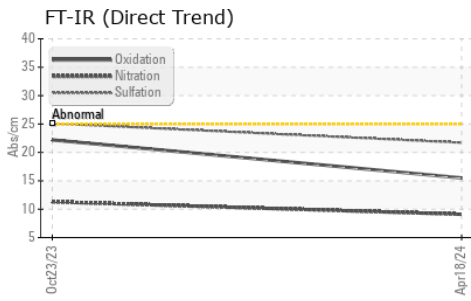
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	<b>18</b>	▲ 31	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Fuel		WC Method	>5	<b>&lt;1.0</b>	<1.0	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
Soot %	%	ASTM D7844*	>3	<b>0</b>	0	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.1</b>	11.3	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>21.7</b>	25.1	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

**FLUID CONDITION**

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>2</b>	5	---
Boron	ppm	ASTM D5185(m)	0	<b>8</b>	6	---
Barium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	4	---
Molybdenum	ppm	ASTM D5185(m)	60	<b>111</b>	102	---
Manganese	ppm	ASTM D5185(m)	0	<b>2</b>	13	---
Magnesium	ppm	ASTM D5185(m)	1010	<b>639</b>	699	---
Calcium	ppm	ASTM D5185(m)	1070	<b>1390</b>	1246	---
Phosphorus	ppm	ASTM D5185(m)	1150	<b>677</b>	691	---
Zinc	ppm	ASTM D5185(m)	1270	<b>805</b>	843	---
Sulfur	ppm	ASTM D5185(m)	2060	<b>2062</b>	2060	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>15.5</b>	22.2	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	<b>14.1</b>	14.1	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0120760  
**Lab Number** : 02633814  
**Unique Number** : 5774967  
**Test Package** : MOB 1

**GFL Environmental - 747 - GMA - Solid Waste**  
 4 Chemin du Tremblay,  
 Boucherville, QC  
 CA J4B 6Z5  
 Contact: Manon Berthold  
 mberthold@matrec.ca

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: