



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

Machine Id  
**7139**  
 Component  
**Diesel Engine**  
 Fluid  
**PETRO CANADA DURON GEO LD 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>GFL0120775</b>	GFL0026801	GFL0013777
Sample Date		Client Info		<b>17 Apr 2024</b>	29 Jun 2021	12 Jan 2021
Machine Age	hrs	Client Info		<b>0</b>	30264	30264
Oil Age	hrs	Client Info		<b>600</b>	0	430
Filter Age	hrs	Client Info		<b>0</b>	0	430
Oil Changed		Client Info		<b>N/A</b>	N/A	Changed
Filter Changed		Client Info		<b>N/A</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>65	<b>16</b>	45	12
Chromium	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	4	1
Nickel	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	1	<1
Aluminum	ppm	ASTM D5185(m)	>35	<b>9</b>	27	7
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>180	<b>10</b>	9	2
Tin	ppm	ASTM D5185(m)	>8	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

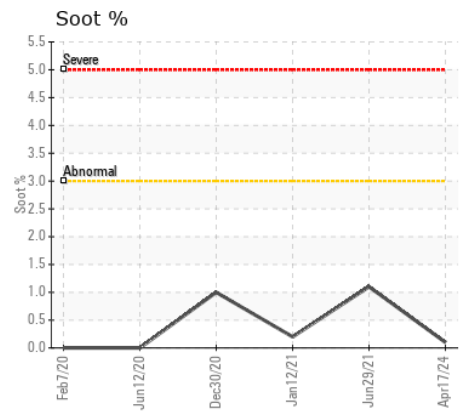
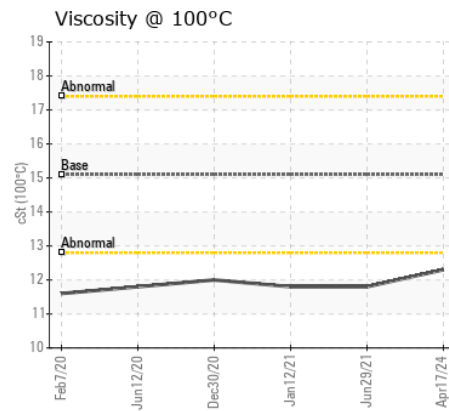
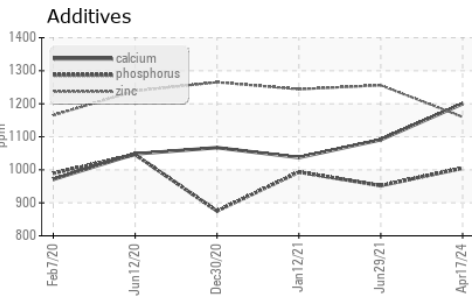
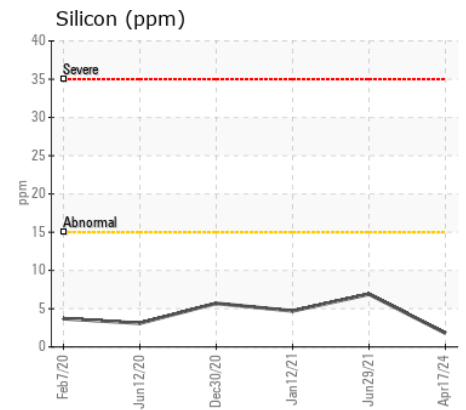
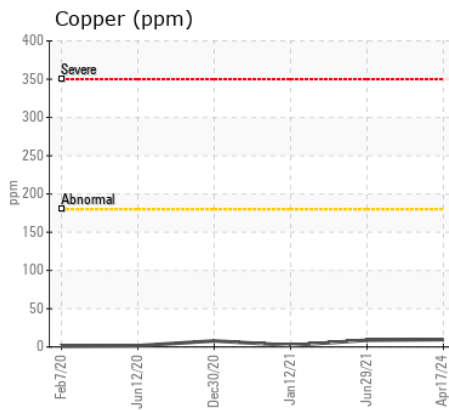
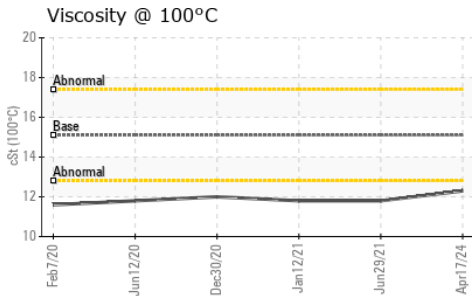
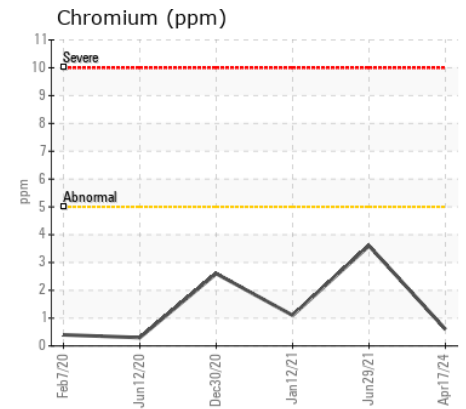
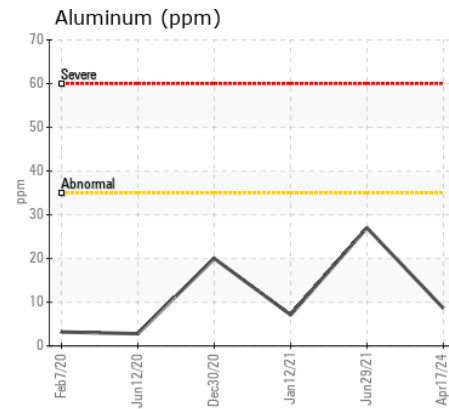
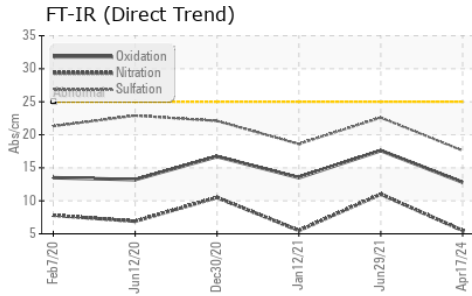
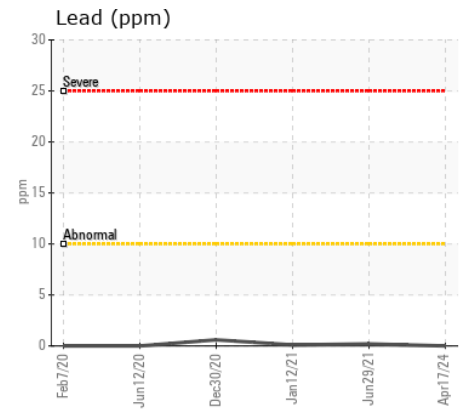
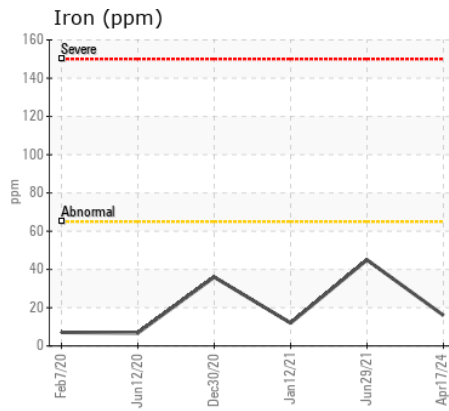
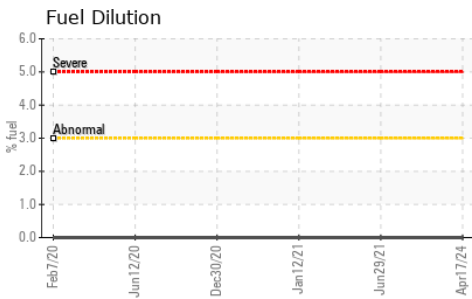
Les tests n'indiquent aucune trace de carburant dans l'huile. Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>15	<b>2</b>	7	5
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	57	32
Fuel	%	ASTM D7593*	>3.0	<b>0.0</b>	<1.0	<1.0
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	0.0	0.0
Soot %	%	ASTM D7844*	>3	<b>0.1</b>	1.1	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>5.5</b>	11.0	5.5
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>17.6</b>	22.6	18.6
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	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>3</b>	57	46
Boron	ppm	ASTM D5185(m)	50	<b>3</b>	1	1
Barium	ppm	ASTM D5185(m)	5	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)	50	<b>54</b>	66	62
Manganese	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	560	<b>888</b>	980	970
Calcium	ppm	ASTM D5185(m)	1510	<b>1200</b>	1091	1037
Phosphorus	ppm	ASTM D5185(m)	780	<b>1005</b>	952	993
Zinc	ppm	ASTM D5185(m)	870	<b>1160</b>	1256	1244
Sulfur	ppm	ASTM D5185(m)	2040	<b>2671</b>	2437	2731
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>12.8</b>	17.6	13.5
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	<b>12.3</b>	11.8	11.8



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0120775  
**Lab Number** : 02633813  
**Unique Number** : 5774966  
**Test Package** : MOB 1 ( Additional Tests: FuelDilution, PercentFuel )

**GFL Environmental - 747 - GMA - Solid Waste**  
 4 Chemin du Tremblay,  
 Boucherville, QC  
 CA J4B 6Z5  
 Contact: Steve Voyer  
 svoyer@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: