



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

Machine Id  
**7144**  
Component  
**Diesel Engine**  
Fluid  
**PETRO CANADA DURON SHP 10W30 (--- 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>GFL0114815</b>	GFL0114874	PC0077973
Sample Date		Client Info		<b>18 Apr 2024</b>	15 Apr 2024	26 Oct 2023
Machine Age	hrs	Client Info		<b>0</b>	17065	0
Oil Age	hrs	Client Info		<b>600</b>	0	0
Filter Age	hrs	Client Info		<b>600</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Changed</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)	>100	<b>6</b>	24	21
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	1	1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	<b>4</b>	22	27
Lead	ppm	ASTM D5185(m)	>40	<b>0</b>	0	<1
Copper	ppm	ASTM D5185(m)	>330	<b>1</b>	3	3
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

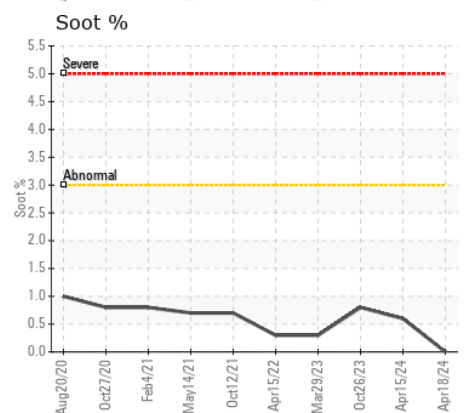
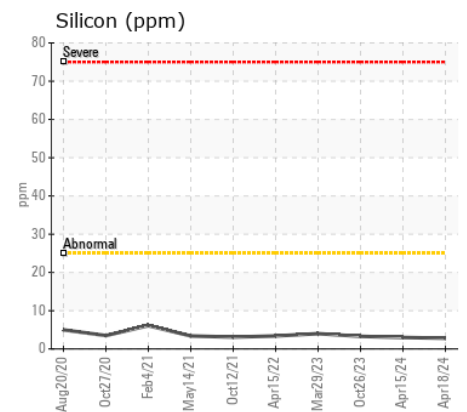
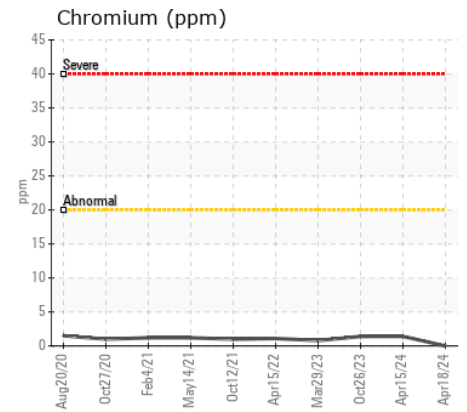
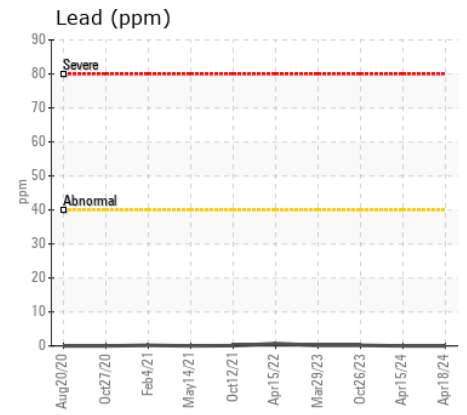
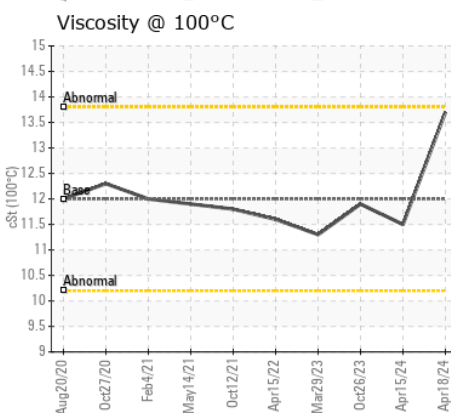
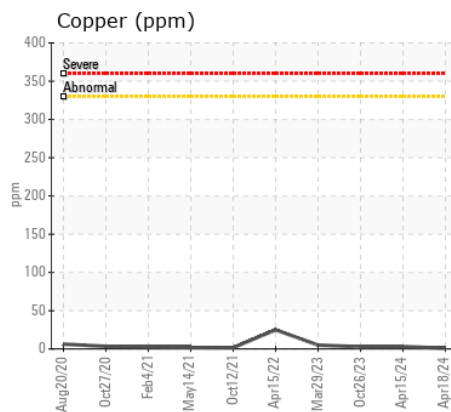
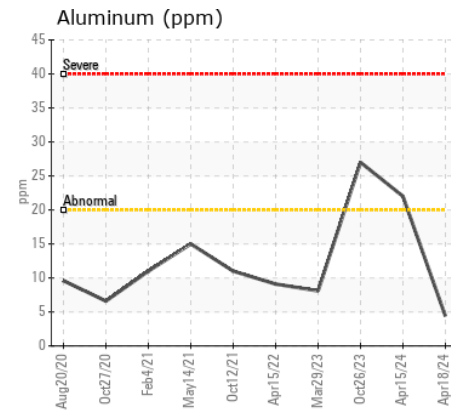
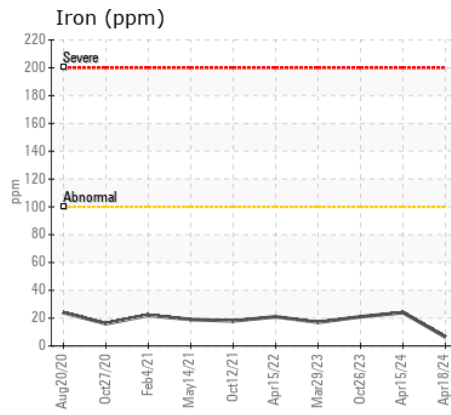
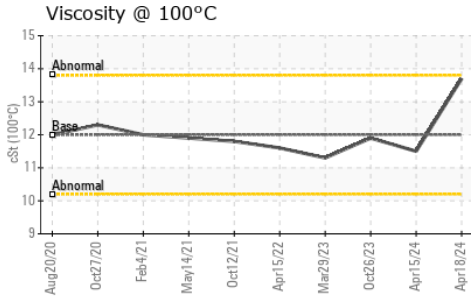
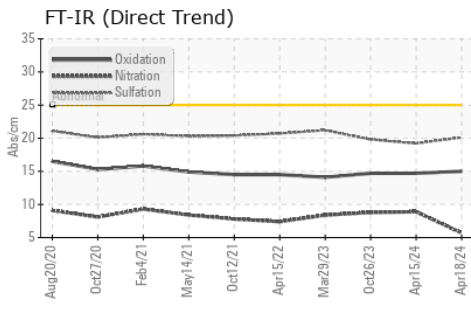
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	<b>3</b>	3	3
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	20	36
Fuel		WC Method	>5	<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>	0.0	NEG
Soot %	%	ASTM D7844*	>3	<b>0</b>	0.6	0.8
Nitration	Abs/cm	ASTM D7624*	>20	<b>5.7</b>	8.9	8.8
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>20.1</b>	19.2	19.8
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>2</b>	2	2
Boron	ppm	ASTM D5185(m)	2	<b>30</b>	7	4
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185(m)	50	<b>47</b>	59	61
Manganese	ppm	ASTM D5185(m)	0	<b>0</b>	<1	0
Magnesium	ppm	ASTM D5185(m)	950	<b>615</b>	915	954
Calcium	ppm	ASTM D5185(m)	1050	<b>1445</b>	1143	1085
Phosphorus	ppm	ASTM D5185(m)	995	<b>800</b>	966	1002
Zinc	ppm	ASTM D5185(m)	1180	<b>948</b>	1172	1190
Sulfur	ppm	ASTM D5185(m)	2600	<b>2179</b>	2456	2507
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>15.0</b>	14.7	14.7
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	<b>13.7</b>	11.5	11.9



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0114815  
**Lab Number** : 02631107  
**Unique Number** : 5772260  
**Test Package** : MOB 1  
**Received** : 24 Apr 2024  
**Tested** : 24 Apr 2024  
**Diagnosed** : 24 Apr 2024 - Wes Davis

**GFL Environmental - 780 - GMA - ICI - Solid Waste**  
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 Laval, QC  
 CA H7P 4J3  
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 T: (450)687-3838  
 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.