



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



Machine Id  
**OR1855**  
Component  
**Diesel Engine**  
Fluid  
**PETRO CANADA DURON UHP 5W30 (--- 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>GFL</b>	LH0279572	LH0261143
Sample Date		Client Info		<b>25 Mar 2024</b>	20 Nov 2023	12 Jul 2023
Machine Age	hrs	Client Info		<b>2878</b>	2466	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>N/A</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	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)	>100	<b>11</b>	13	10
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	1	<1
Lead	ppm	ASTM D5185(m)	>30	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>125	<b>&lt;1</b>	1	<1
Tin	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

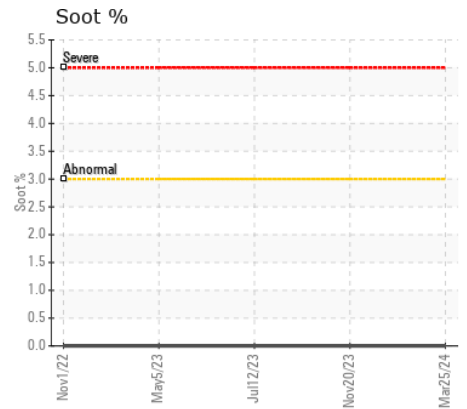
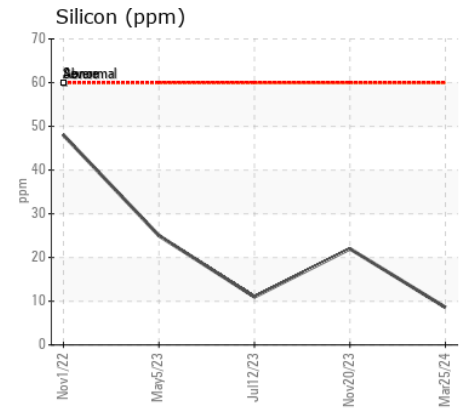
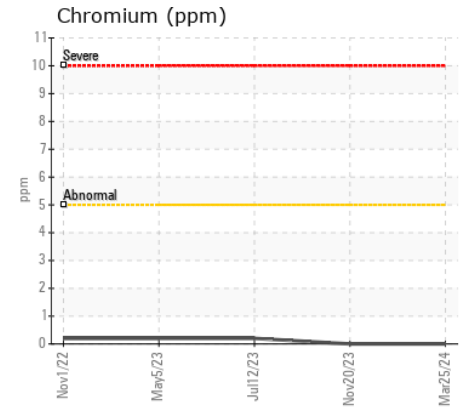
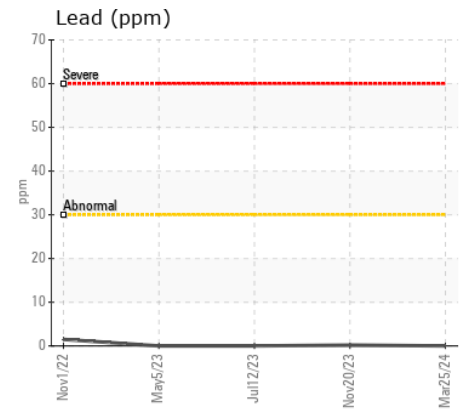
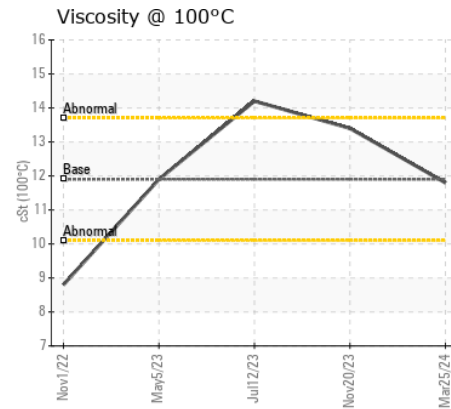
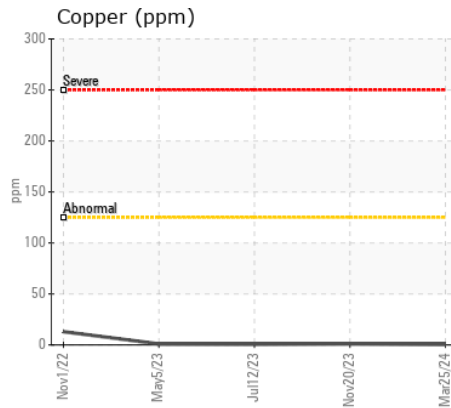
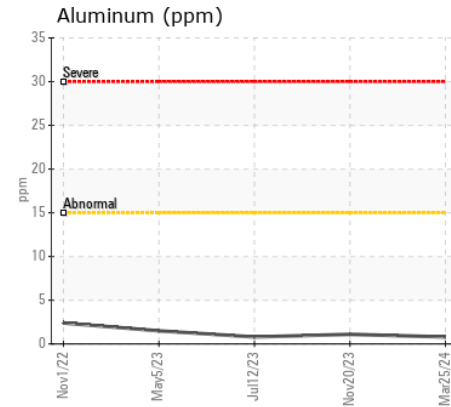
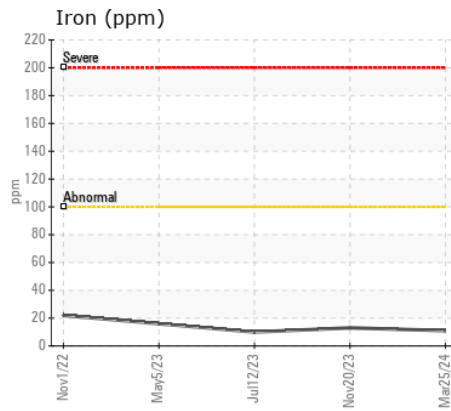
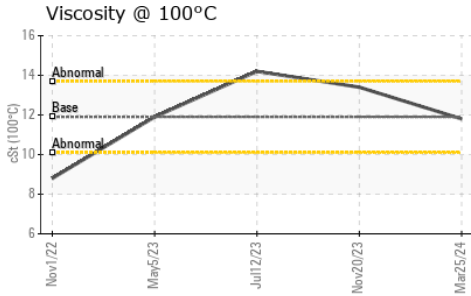
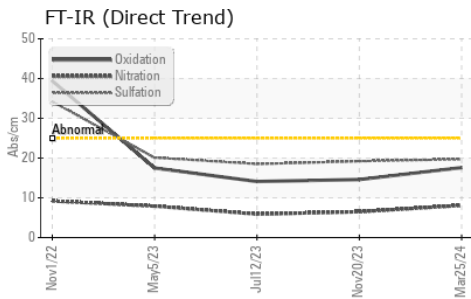
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>60	<b>9</b>	22	11
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	0	0
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>	NEG	NEG
Soot %	%	ASTM D7844*	>3	<b>0</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.1</b>	6.5	5.9
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>19.7</b>	19.2	18.5
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>4</b>	2	2
Boron	ppm	ASTM D5185(m)	0	<b>50</b>	2	4
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	<1	0
Molybdenum	ppm	ASTM D5185(m)	64	<b>53</b>	58	58
Manganese	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185(m)	1160	<b>1086</b>	966	987
Calcium	ppm	ASTM D5185(m)	820	<b>836</b>	1049	1037
Phosphorus	ppm	ASTM D5185(m)	1160	<b>1019</b>	1015	1046
Zinc	ppm	ASTM D5185(m)	1260	<b>1189</b>	1226	1173
Sulfur	ppm	ASTM D5185(m)	3000	<b>2778</b>	2535	2528
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>17.6</b>	14.6	14.1
Visc @ 100°C	cSt	ASTM D7279(m)	11.9	<b>11.8</b>	13.4	14.2



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL  
**Lab Number** : 02626860  
**Unique Number** : 5759992  
**Test Package** : MOB 1  
**Received** : 05 Apr 2024  
**Tested** : 05 Apr 2024  
**Diagnosed** : 05 Apr 2024 - Wes Davis

**GFL Environmental - 766-Drummondville-Hauling - Solid Waste**  
 1005, rue Rhea,  
 Drummondville, QC  
 CA J2B 8A9  
 Contact: Eric Duchesneau  
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 T: (819)395-4355  
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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.