



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



Machine Id  
**NO UNIT PC0088606**  
Component  
**Natural Gas Engine**  
Fluid  
**PETRO CANADA DURON GEO LD 15W40 (--- GAL)**

**RECOMMENDATION**

Veillez noter que tous les métaux d'usure et les niveaux de contaminants sont considérés comme cumulatifs. Nous vous recommandons de vérifier la possibilité d'une mauvaise combustion et d'une surchauffe possible. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. 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. Notez: nous recommandons d'acheter les troussees MOB 2 pour cet équipement, Ce test inclut le BN (indice d'alcalinité) pour évaluer si l'huile peut encore servir.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0088606</b>	---	---
Sample Date		Client Info		<b>04 Jun 2024</b>	---	---
Machine Age	kms	Client Info		<b>930016</b>	---	---
Oil Age	kms	Client Info		<b>126275</b>	---	---
Filter Age	kms	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>ABNORMAL</b>	---	---

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>50	<b>26</b>	---	---
Chromium	ppm	ASTM D5185(m)	>5	<b>3</b>	---	---
Nickel	ppm	ASTM D5185(m)	>4	<b>1</b>	---	---
Titanium	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>14</b>	---	---
Lead	ppm	ASTM D5185(m)	>40	<b>6</b>	---	---
Copper	ppm	ASTM D5185(m)	>150	<b>2</b>	---	---
Tin	ppm	ASTM D5185(m)	>4	<b>1</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

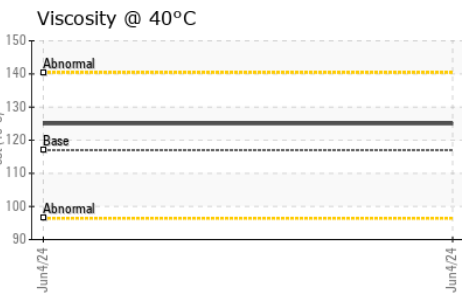
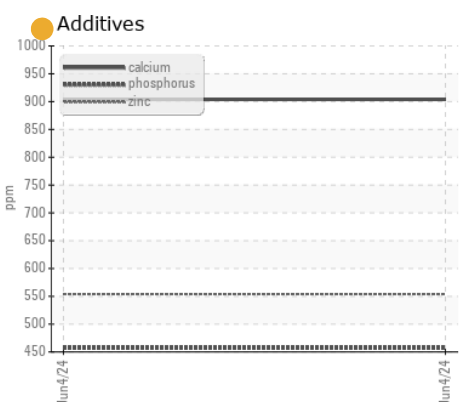
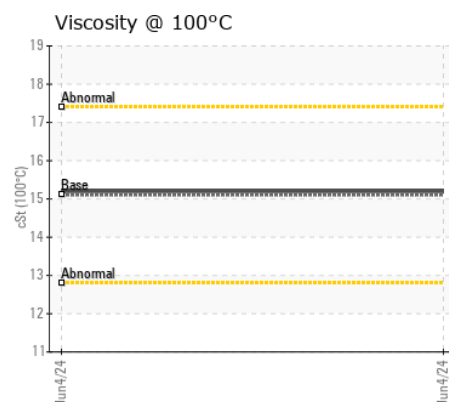
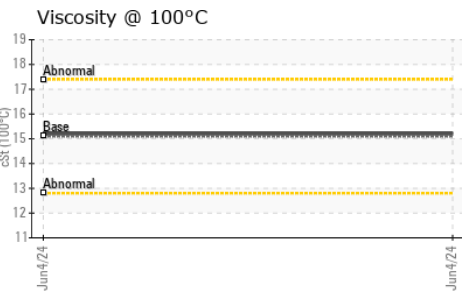
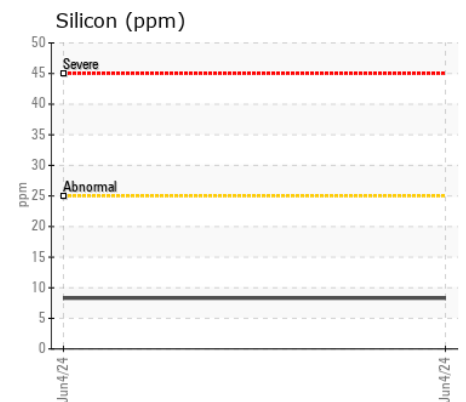
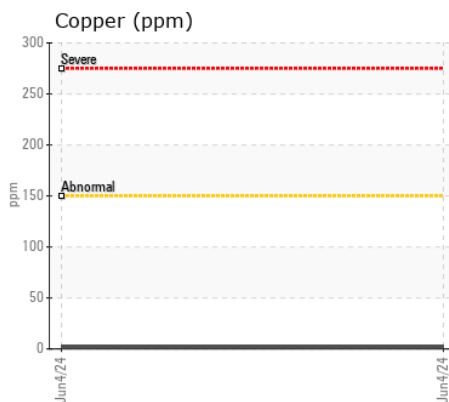
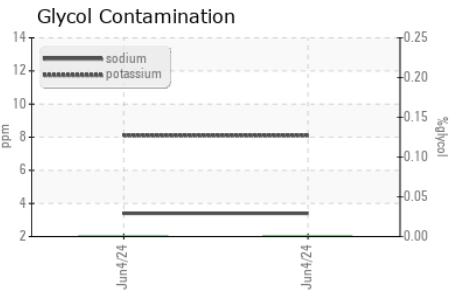
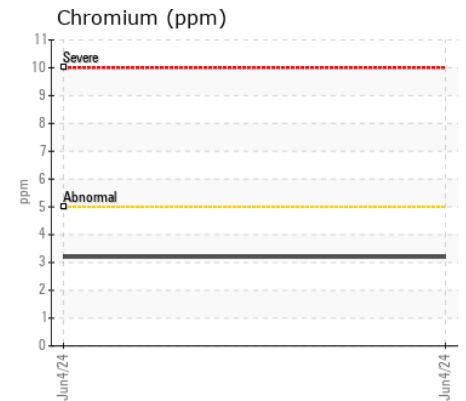
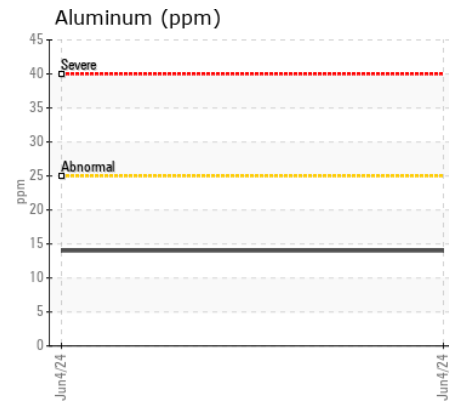
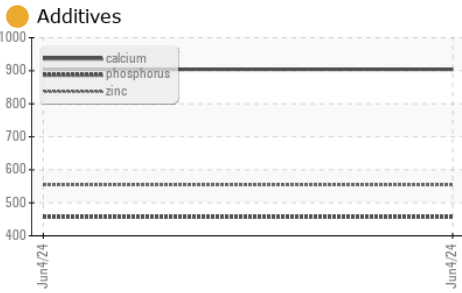
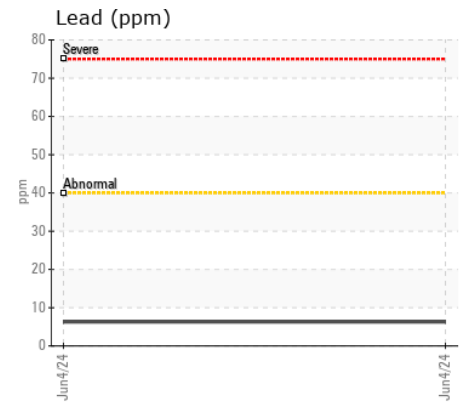
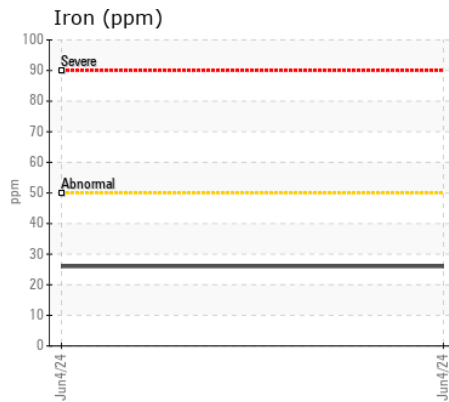
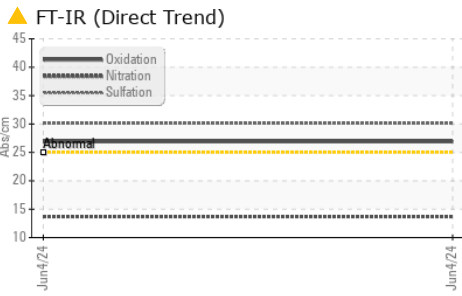
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	<b>8</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>8</b>	---	---
Water		WC Method	>0.1	<b>NEG</b>	---	---
Glycol	%	ASTM D7922*		<b>0.0</b>	---	---
Soot %	%	ASTM D7844*		<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>13.7</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>30.1</b>	---	---
Silt	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	---	---

**FLUID CONDITION**

Il y a une légère oxydation de l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. l'huile ne peut plus être utilisée.

Sodium	ppm	ASTM D5185(m)		<b>3</b>	---	---
Boron	ppm	ASTM D5185(m)	50	<b>5</b>	---	---
Barium	ppm	ASTM D5185(m)	5	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	50	<b>36</b>	---	---
Manganese	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185(m)	560	<b>444</b>	---	---
Calcium	ppm	ASTM D5185(m)	1510	<b>904</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	780	<b>457</b>	---	---
Zinc	ppm	ASTM D5185(m)	870	<b>554</b>	---	---
Sulfur	ppm	ASTM D5185(m)	2040	<b>1090</b>	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>▲ 26.9</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	117.0	<b>125</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	<b>15.2</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	134	<b>125</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0088606 **Received** : 18 Jun 2024  
**Lab Number** : **02642557** **Tested** : 19 Jun 2024  
**Unique Number** : 5800096 **Diagnosed** : 20 Jun 2024 - Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: Glycol, KV40, VI, Visual )

**GFL Environmental - 742 - Quebec City Solid Waste**  
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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.