



Machine Id  
**MACK 929129**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- 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>PC0088357</b>	GFL0094616	GFL0100815
Sample Date		Client Info		<b>30 May 2024</b>	26 Apr 2024	10 Nov 2023
Machine Age	kms	Client Info		<b>8128</b>	7968	7494
Oil Age	kms	Client Info		<b>0</b>	7968	0
Filter Age	kms	Client Info		<b>160</b>	774	506
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
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)	>220	<b>65</b>	74	71
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>75	<b>21</b>	23	20
Lead	ppm	ASTM D5185(m)	>95	<b>7</b>	9	8
Copper	ppm	ASTM D5185(m)	>60	<b>35</b>	40	36
Tin	ppm	ASTM D5185(m)	>10	<b>2</b>	2	2
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

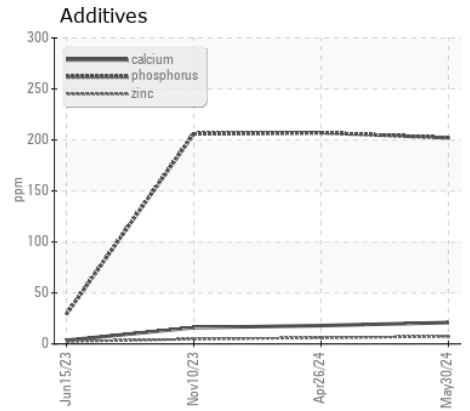
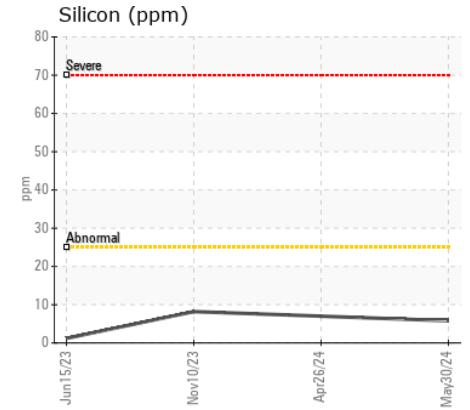
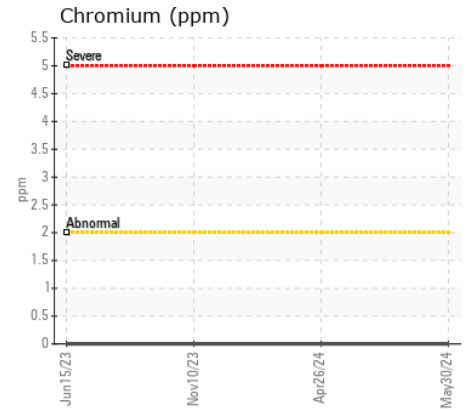
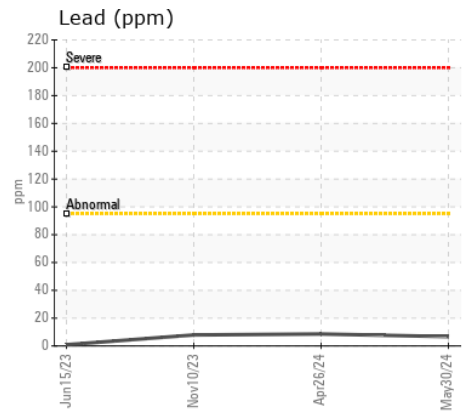
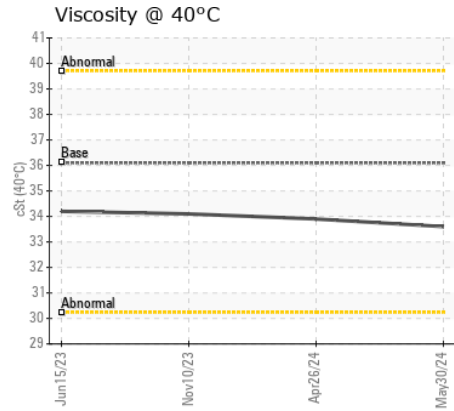
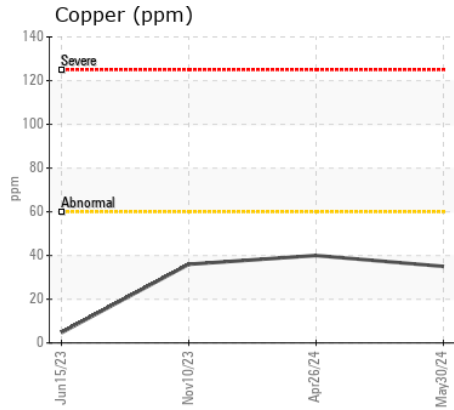
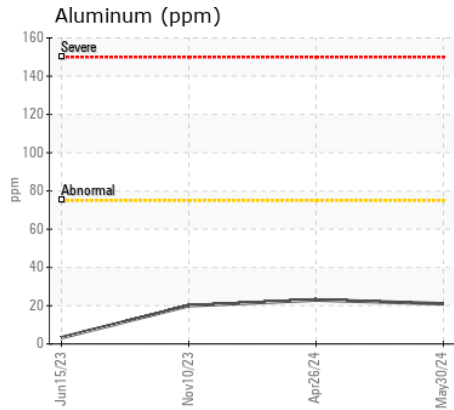
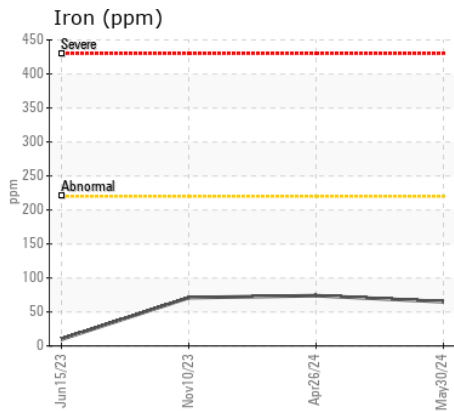
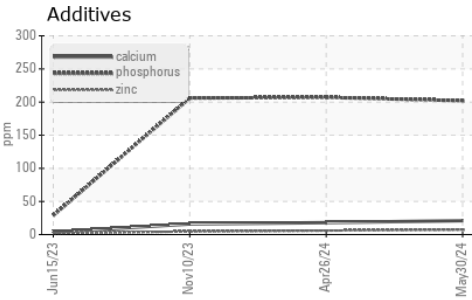
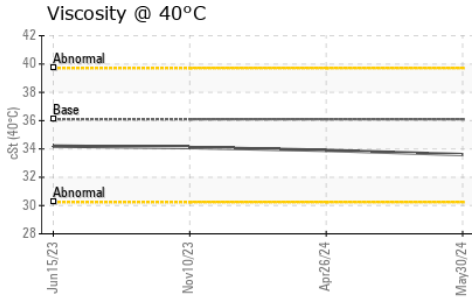
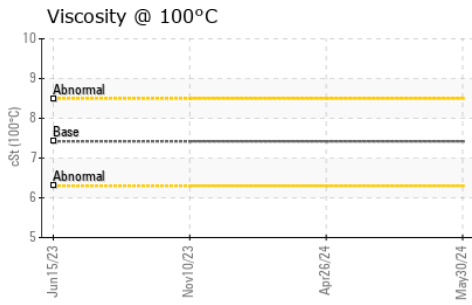
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>25	<b>6</b>	7	8
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	3	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<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 le fluide est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>17</b>	19	14
Boron	ppm	ASTM D5185(m)		<b>92</b>	83	87
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>2</b>	1	<1
Calcium	ppm	ASTM D5185(m)		<b>21</b>	18	16
Phosphorus	ppm	ASTM D5185(m)		<b>202</b>	207	206
Zinc	ppm	ASTM D5185(m)		<b>7</b>	6	5
Sulfur	ppm	ASTM D5185(m)		<b>2555</b>	2714	2896
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	<b>33.6</b>	33.9	34.1
Visc @ 100°C	cSt	ASTM D7279(m)	7.42	<b>6.9</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	178	<b>171</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0088357  
**Lab Number** : 02639448  
**Unique Number** : 5788610  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

**GFL Environmental 791MAT - Matane**  
 29 rue Brilliant  
 Matane, QC  
 CA G4W 0J7  
 Contact: B Berube  
 bberube@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.