

Machine Id  
**7228**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- 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>PC0088664</b>	PC0083844	PC0081895
Sample Date		Client Info		<b>08 May 2024</b>	22 Feb 2024	15 Nov 2023
Machine Age	kms	Client Info		<b>148684</b>	145099	139630
Oil Age	kms	Client Info		<b>0</b>	0	0
Filter Age	kms	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	SEVERE	SEVERE

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>160	<b>152</b>	▲ 360	▲ 393
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
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)	>50	<b>5</b>	20	8
Lead	ppm	ASTM D5185(m)	>50	<b>0</b>	6	2
Copper	ppm	ASTM D5185(m)	>225	<b>11</b>	25	27
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	2	<1
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**

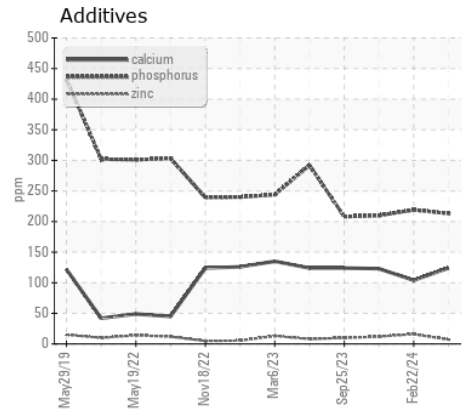
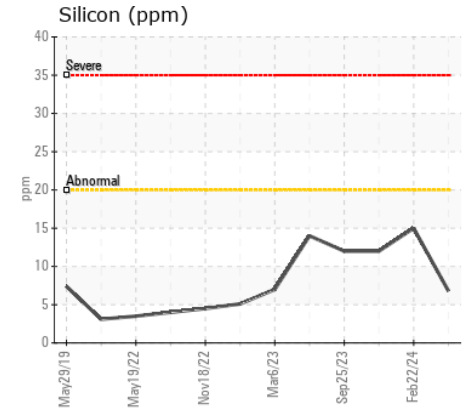
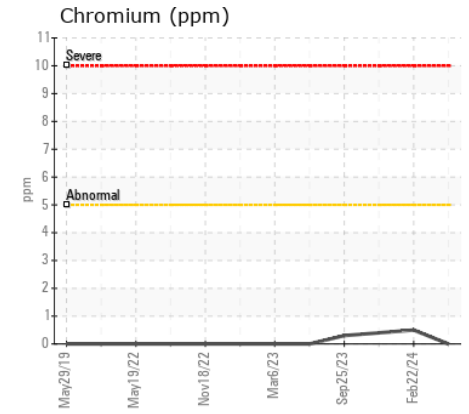
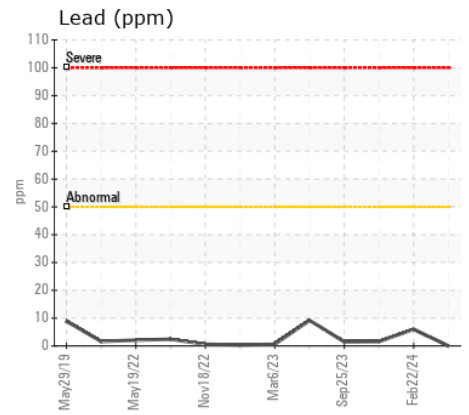
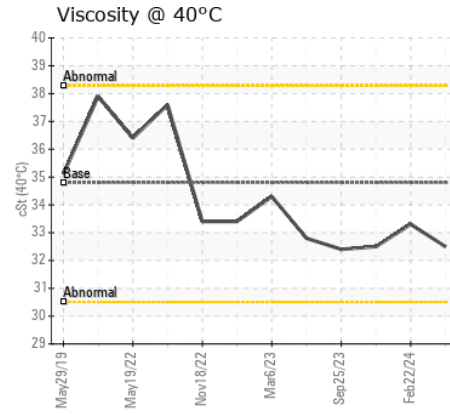
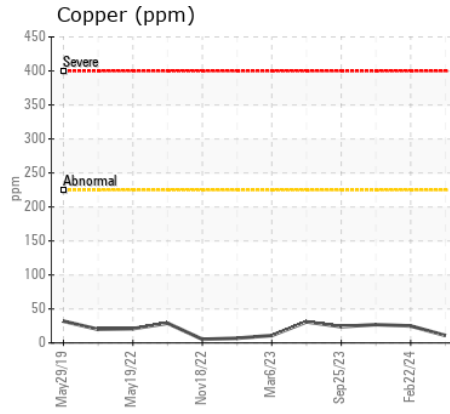
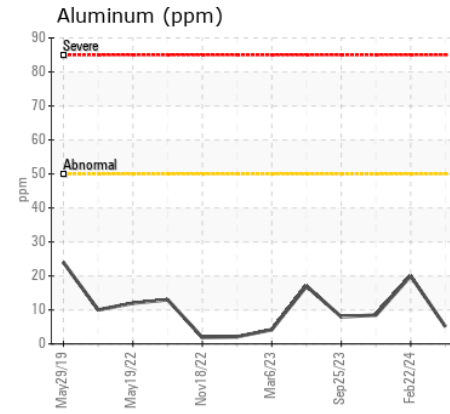
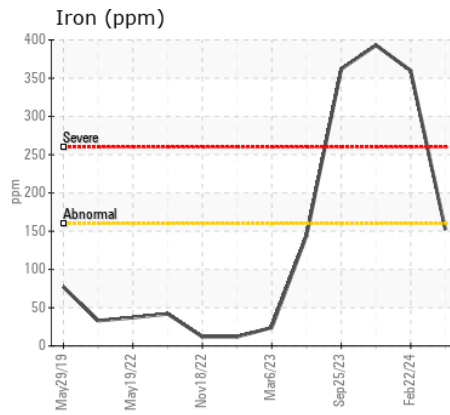
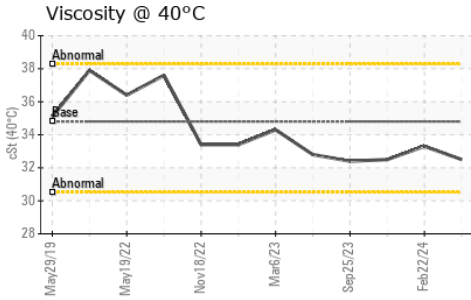
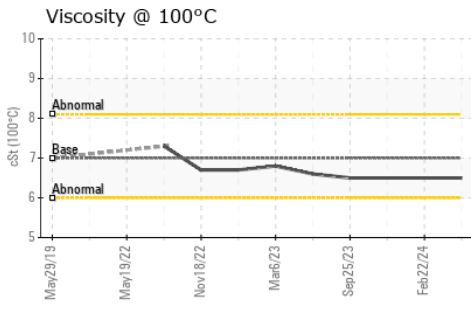
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>20	<b>7</b>	15	12
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	2	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	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**

L'état de le fluide est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>5</b>	33	15
Boron	ppm	ASTM D5185(m)	78	<b>63</b>	60	58
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	1
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>1</b>	3	3
Magnesium	ppm	ASTM D5185(m)	0	<b>2</b>	1	1
Calcium	ppm	ASTM D5185(m)	113	<b>124</b>	104	123
Phosphorus	ppm	ASTM D5185(m)	222	<b>213</b>	219	210
Zinc	ppm	ASTM D5185(m)		<b>7</b>	16	12
Sulfur	ppm	ASTM D5185(m)	1326	<b>1387</b>	1214	1384
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	<b>32.5</b>	33.3	32.5
Visc @ 100°C	cSt	ASTM D7279(m)	7.0	<b>6.5</b>	6.5	6.5
Viscosity Index (VI)	Scale	ASTM D2270*	167	<b>158</b>	152	158



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0088664  
**Lab Number** : 02636133  
**Unique Number** : 5785295  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI)  
**Received** : 16 May 2024  
**Tested** : 16 May 2024  
**Diagnosed** : 16 May 2024 - Wes Davis

**GFL Environmental - 742 - Quebec City Solid Waste**  
 5160 Jean-Talon Pierre-Bertrand Bou  
 Quebec City, QC  
 CA G2J 1B7  
 Contact: Jean Audet  
 Jaudet@matrec.ca  
 T: (418)624-0080  
 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.