



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



Machine Id  
**OR1855**  
Component  
**Front Right Wheel Hub**  
Fluid  
**PETRO CANADA TRAXON 75W90 SYNTHETIC (2 LTR)**

**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>PC</b>	LH0269984	LH0239095
Sample Date		Client Info		<b>25 Mar 2024</b>	12 Jul 2023	01 Nov 2022
Machine Age	hrs	Client Info		<b>2878</b>	0	530
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)	>650	<b>121</b>	31	25
Chromium	ppm	ASTM D5185(m)	>4	<b>2</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	<1
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	1	1
Lead	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>60	<b>4</b>	28	11
Tin	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
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>VLITE</b>	NONE	NONE

**CONTAMINATION**

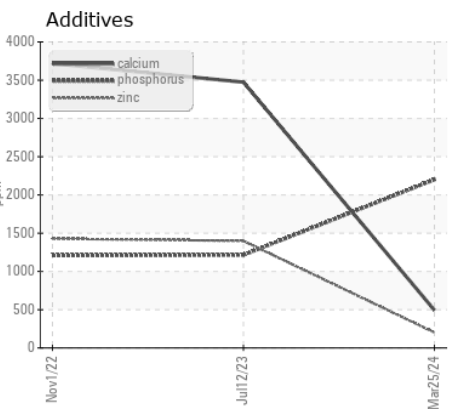
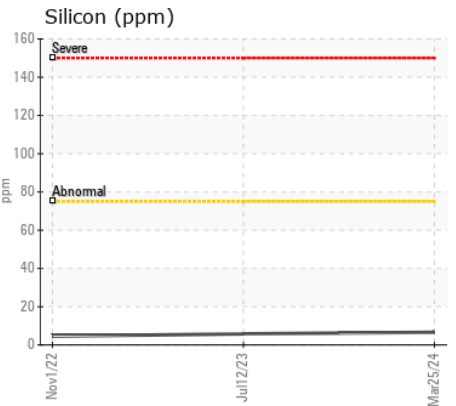
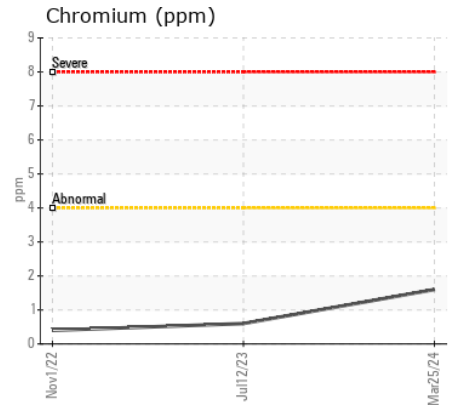
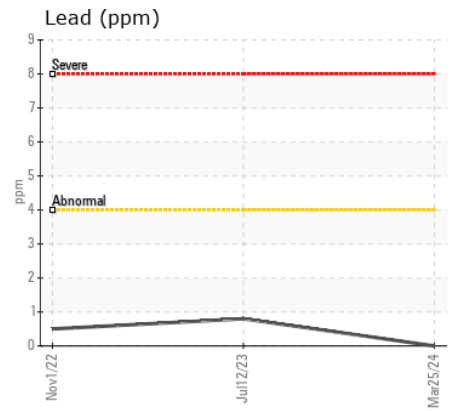
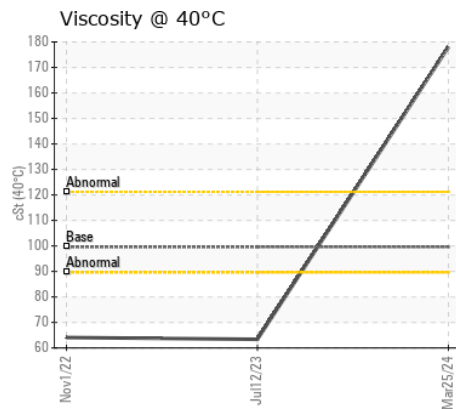
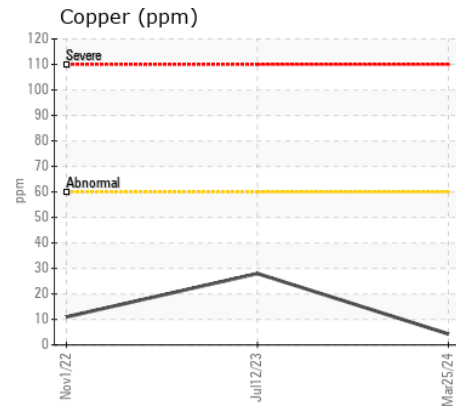
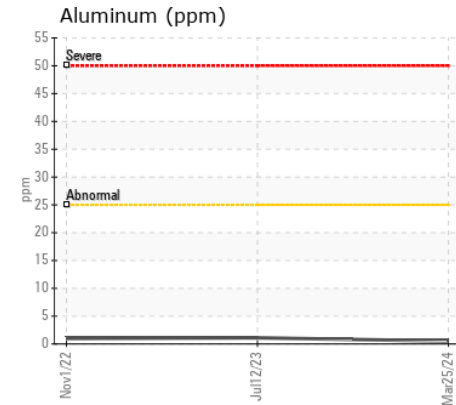
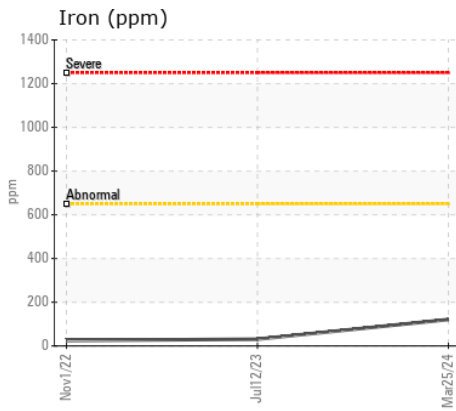
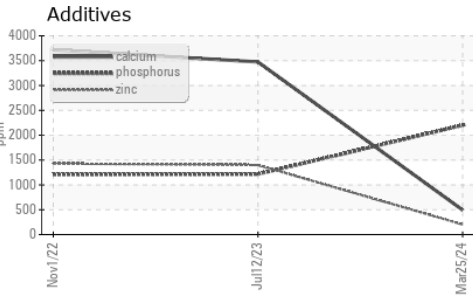
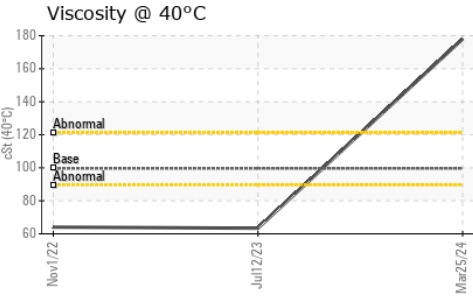
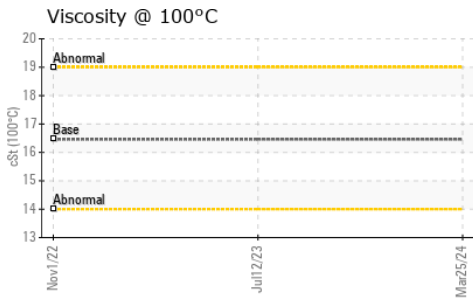
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	<b>7</b>	6	5
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	1	1
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	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*	>0.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

La viscosité de l'échantillon se situe dans la portée de l'SAE 90; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>7</b>	20	19
Boron	ppm	ASTM D5185(m)	328	<b>12</b>	99	103
Barium	ppm	ASTM D5185(m)	1	<b>1</b>	1	<1
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>1</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	1	<b>4</b>	10	10
Calcium	ppm	ASTM D5185(m)	7	<b>494</b>	3474	3718
Phosphorus	ppm	ASTM D5185(m)	1145	<b>2201</b>	1215	1209
Zinc	ppm	ASTM D5185(m)	3	<b>202</b>	1399	1428
Sulfur	ppm	ASTM D5185(m)	17909	<b>23742</b>	2925	3117
Visc @ 40°C	cSt	ASTM D7279(m)	99.6	<b>178</b>	63.4	64.1
Visc @ 100°C	cSt	ASTM D7279(m)	16.46	<b>16.0</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	179	<b>91</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC  
**Lab Number** : 02627054  
**Unique Number** : 5760186  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )  
**Received** : 05 Apr 2024  
**Tested** : 05 Apr 2024  
**Diagnosed** : 08 Apr 2024 - Kevin Marson

**GFL Environmental - 766-Drummondville-Hauling - Solid Waste**  
 1005, rue Rhea,  
 Drummondville, QC  
 CA J2B 8A9  
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 EDuchesneau@matrec.ca  
 T: (819)395-4355  
 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.