

Machine Id
WESTERN STAR 822054

Component
Transmission (Auto)

Fluid
PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- LTR)

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		GFL0094636	GFL0080952	---
Sample Date		Client Info		12 Feb 2024	09 Aug 2023	---
Machine Age	hrs	Client Info		4403	3394	---
Oil Age	hrs	Client Info		4403	3394	---
Filter Age	hrs	Client Info		1009	3394	---
Oil Changed		Client Info		Not Changed	Not Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>160	120	117	---
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>5	0	0	---
Aluminum	ppm	ASTM D5185(m)	>50	36	34	---
Lead	ppm	ASTM D5185(m)	>50	15	16	---
Copper	ppm	ASTM D5185(m)	>225	16	16	---
Tin	ppm	ASTM D5185(m)	>10	3	3	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

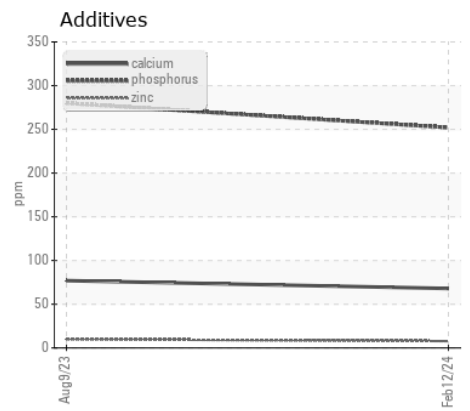
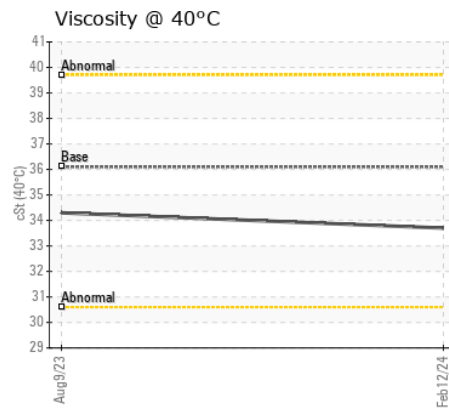
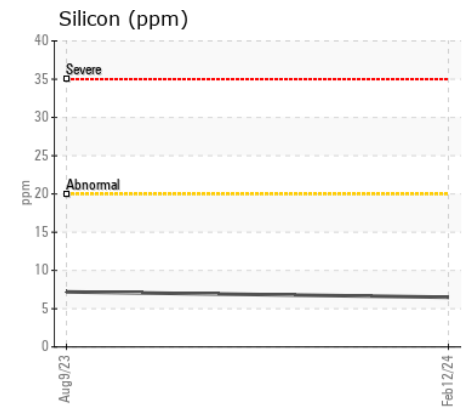
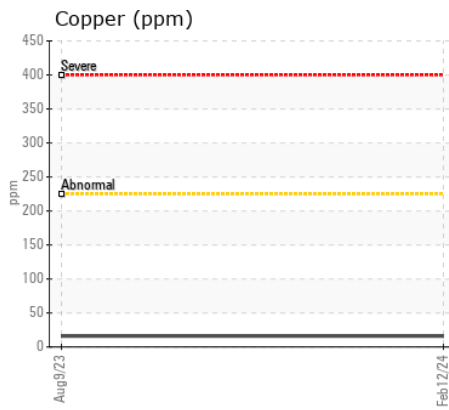
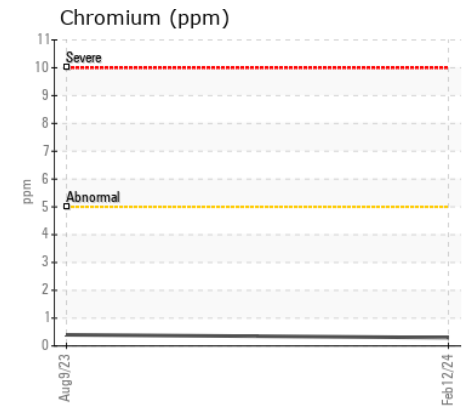
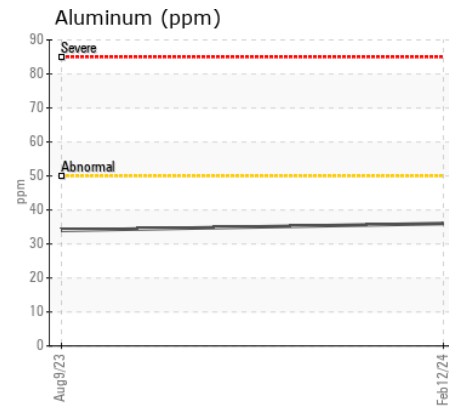
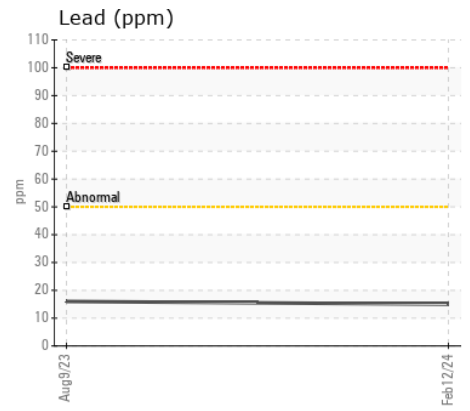
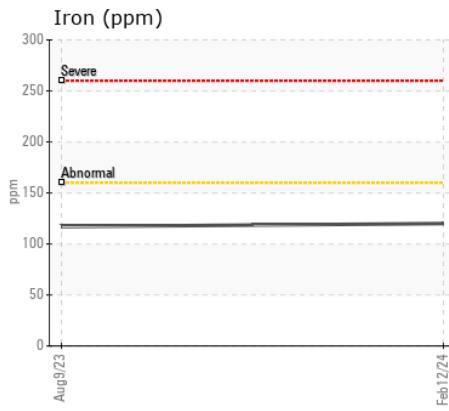
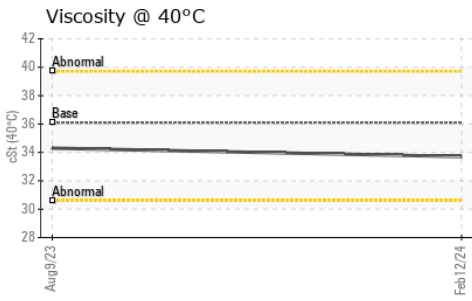
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>20	6	7	---
Potassium	ppm	ASTM D5185(m)	>20	4	4	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		12	10	---
Boron	ppm	ASTM D5185(m)		73	76	---
Barium	ppm	ASTM D5185(m)		<1	<1	---
Molybdenum	ppm	ASTM D5185(m)		<1	1	---
Manganese	ppm	ASTM D5185(m)		2	3	---
Magnesium	ppm	ASTM D5185(m)		<1	<1	---
Calcium	ppm	ASTM D5185(m)		68	77	---
Phosphorus	ppm	ASTM D5185(m)		252	280	---
Zinc	ppm	ASTM D5185(m)		8	10	---
Sulfur	ppm	ASTM D5185(m)		1136	1152	---
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	33.7	34.3	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0094636 **Received** : 15 Feb 2024
Lab Number : 02616015 **Tested** : 15 Feb 2024
Unique Number : 5733125 **Diagnosed** : 15 Feb 2024 - Wes Davis
Test Package : MOB 1

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.

T:
F: