



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
419004

Component
Transmission (Auto)

Fluid
PETRO CANADA DURADRIIVE HD SYNTHETIC ATF (--- GAL)

RECOMMENDATION

Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0096629	GFL0088838	---
Sample Date		Client Info		31 Jan 2024	02 Aug 2023	---
Machine Age	hrs	Client Info		195826	175652	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changed	Not Changed	---
Filter Changed		Client Info		Not Changed	Changed	---
Sample Status				ABNORMAL	ABNORMAL	---

WEAR

Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

PQ		ASTM D8184*	>75	15	26	---
Iron	ppm	ASTM D5185(m)	>220	▲ 228	▲ 254	---
Chromium	ppm	ASTM D5185(m)	>2	<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)	>75	47	48	---
Lead	ppm	ASTM D5185(m)	>95	47	53	---
Copper	ppm	ASTM D5185(m)	>60	39	46	---
Tin	ppm	ASTM D5185(m)	>10	4	4	---
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.

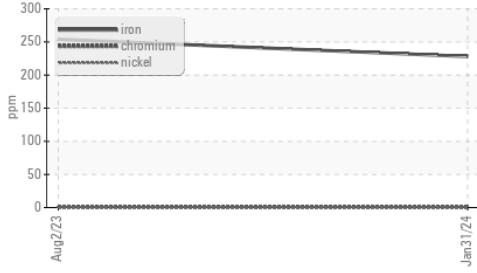
Silicon	ppm	ASTM D5185(m)	>25	11	11	---
Potassium	ppm	ASTM D5185(m)	>20	4	4	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	Visual*	NONE	VLITE	NONE	---
Debris	scalar	Visual*	NONE	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---

FLUID CONDITION

Le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Sodium	ppm	ASTM D5185(m)		7	8	---
Boron	ppm	ASTM D5185(m)		123	133	---
Barium	ppm	ASTM D5185(m)		<1	<1	---
Molybdenum	ppm	ASTM D5185(m)		0	<1	---
Manganese	ppm	ASTM D5185(m)		2	3	---
Magnesium	ppm	ASTM D5185(m)		2	1	---
Calcium	ppm	ASTM D5185(m)		105	99	---
Phosphorus	ppm	ASTM D5185(m)		321	364	---
Zinc	ppm	ASTM D5185(m)		5	6	---
Sulfur	ppm	ASTM D5185(m)		1635	1591	---
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	34.6	34.7	---

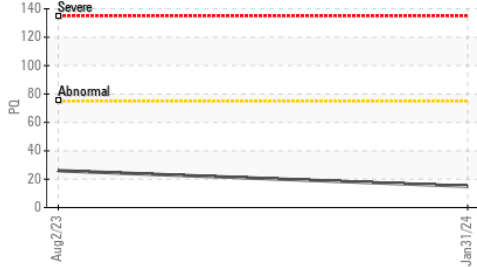
▲ Ferrous Alloys



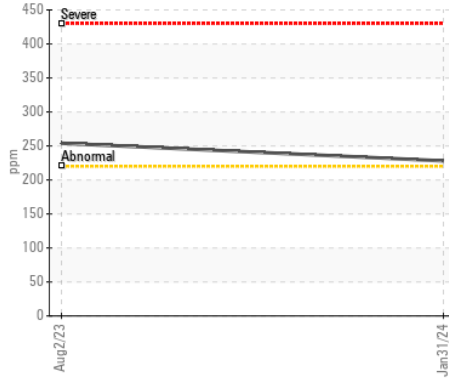
Viscosity @ 40°C



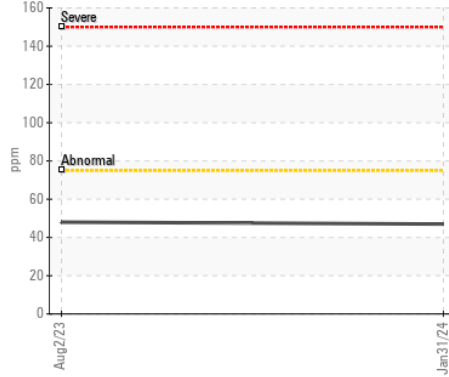
PQ



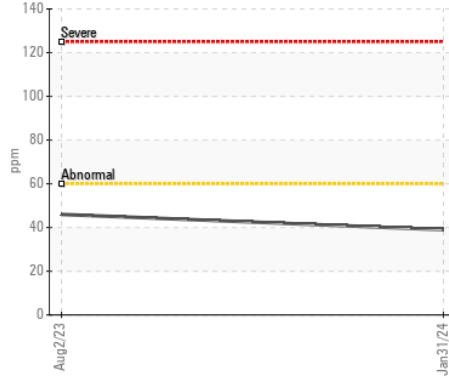
▲ Iron (ppm)



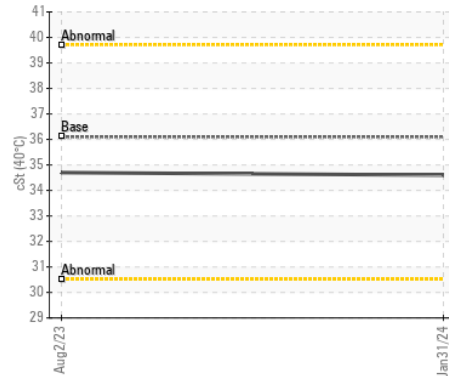
Aluminum (ppm)



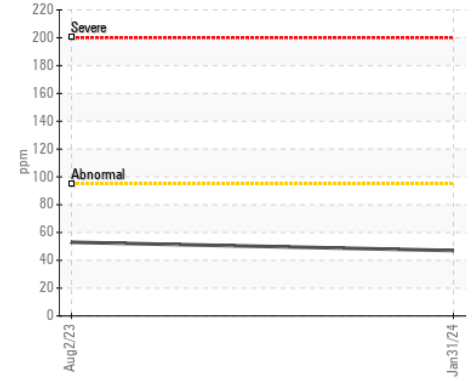
Copper (ppm)



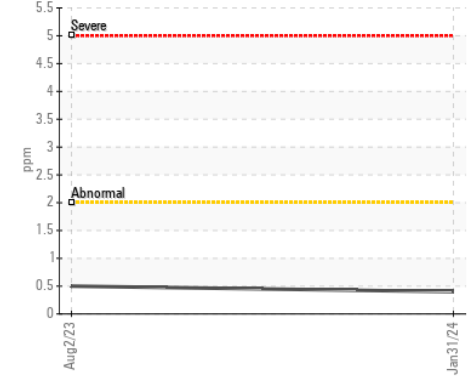
Viscosity @ 40°C



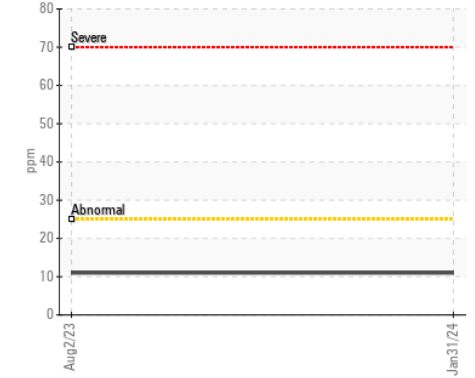
Lead (ppm)



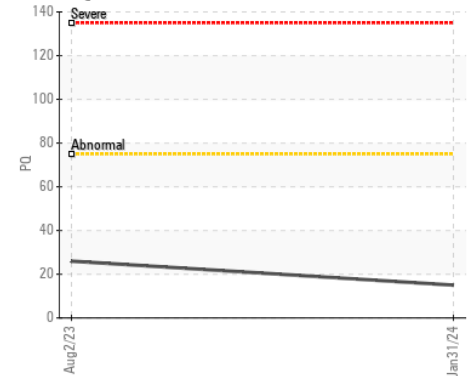
Chromium (ppm)



Silicon (ppm)



PQ



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : GFL0096629

Lab Number : 02617151

Unique Number : 5734261

Test Package : MOB 1 (Additional Tests: PQ)

Received : 21 Feb 2024

Tested : 22 Feb 2024

Diagnosed : 22 Feb 2024 - Kevin Marson

GFL Environmental - 730 - Chicoutimi - Hauling

3199 Boul. Talbot

Chicoutimi, QC

CA G7H 5B1

Contact: Yan Houde

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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.