

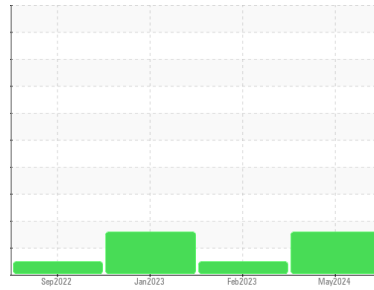


OIL ANALYSIS REPORT



Machine Id
830025
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)

Sample Rating Trend



WEAR



DIAGNOSIS

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.

Wear

Il y a indication d'usure du convertisseur de couple. Usure de palier.

Contamination

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

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0120742	GFL0072758	GFL0072688
Sample Date	Client Info		08 May 2024	20 Feb 2023	31 Jan 2023
Machine Age	kms	Client Info	107615	5248	5095
Oil Age	kms	Client Info	1200	0	0
Oil Changed	Client Info		N/A	Not Changd	Not Changd
Sample Status			ABNORMAL	NORMAL	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	117	106	136
Chromium	ppm	ASTM D5185(m) >5	<1	<1	<1
Nickel	ppm	ASTM D5185(m) >5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	0	0	0
Silver	ppm	ASTM D5185(m) >5	0	0	0
Aluminum	ppm	ASTM D5185(m) >50	▲ 67	48	▲ 61
Lead	ppm	ASTM D5185(m) >50	11	10	13
Copper	ppm	ASTM D5185(m) >225	38	43	57
Tin	ppm	ASTM D5185(m) >10	▲ 11	9	▲ 12
Antimony	ppm	ASTM D5185(m)	0	0	0
Vanadium	ppm	ASTM D5185(m)	0	0	0
Beryllium	ppm	ASTM D5185(m)	0	0	0
Cadmium	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

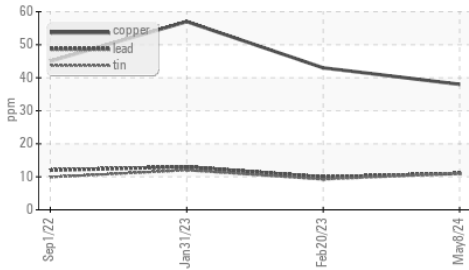
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	62	73	73
Barium	ppm	ASTM D5185(m)	<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0	<1	1
Manganese	ppm	ASTM D5185(m)	2	2	3
Magnesium	ppm	ASTM D5185(m)	2	1	1
Calcium	ppm	ASTM D5185(m)	90	80	57
Phosphorus	ppm	ASTM D5185(m)	233	266	269
Zinc	ppm	ASTM D5185(m)	9	9	9
Sulfur	ppm	ASTM D5185(m)	1004	952	808
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

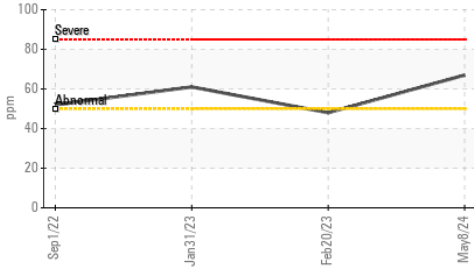
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	6	7	8
Sodium	ppm	ASTM D5185(m)	9	8	10
Potassium	ppm	ASTM D5185(m) >20	4	3	4

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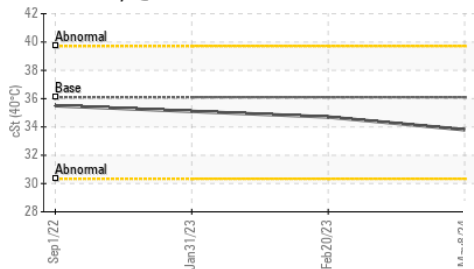
▲ Non-ferrous Metals



▲ Aluminum (ppm)



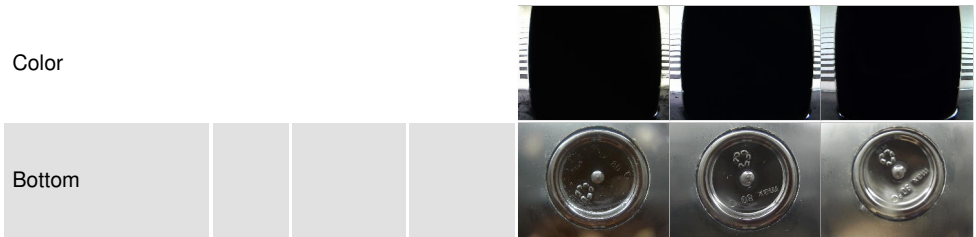
Viscosity @ 40°C



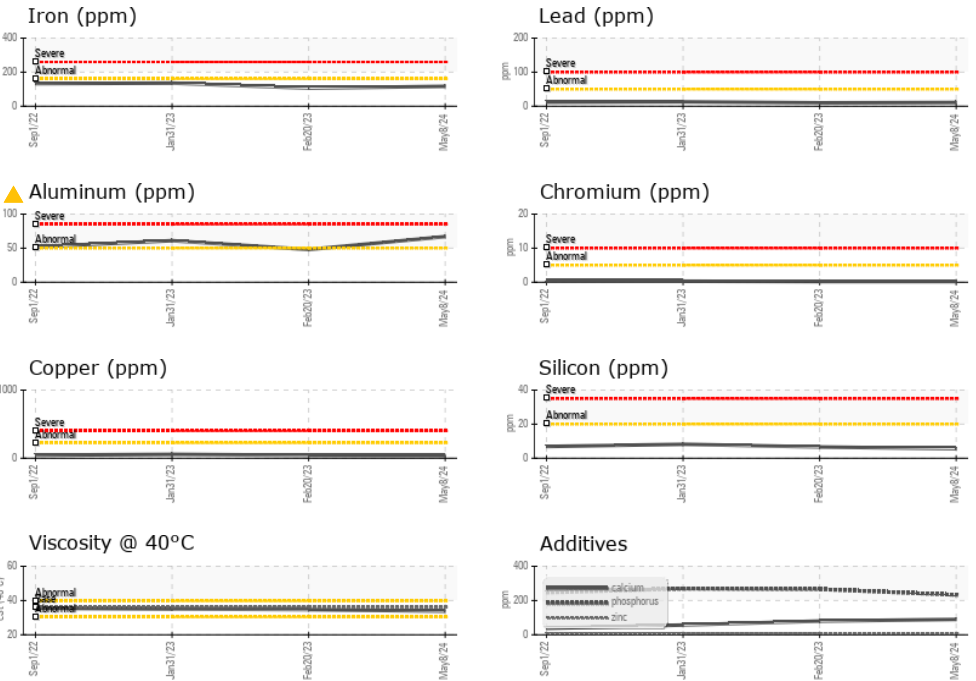
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	33.8	34.7

SAMPLE IMAGES



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 747 - GMA - Solid Waste**
Sample No. : GFL0120742 **Received** : 15 May 2024 **4 Chemin du Tremblay,**
Lab Number : 02635747 **Tested** : 15 May 2024 **Boucherville, QC**
Unique Number : 5776900 **Diagnosed** : 15 May 2024 - Kevin Marson **CA J4B 6Z5**
Test Package : MOB 1 **Contact:** Steve Voyer **svoyer@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.