

Machine Id
831013
Component
Transmission (Auto)
Fluid
PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)

RECOMMENDATION

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. 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		GFL0120703	GFL0055327	GFL0043216
Sample Date		Client Info		18 Jun 2024	27 Sep 2022	06 May 2022
Machine Age	hrs	Client Info		6969	3054	2260
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	Not Changd
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL

WEAR

Il y a indication d'usure du convertisseur de couple. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

PQ		ASTM D8184*	>50	2	---	---
Iron	ppm	ASTM D5185(m)	>160	▲ 167	106	94
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	<1	0
Silver	ppm	ASTM D5185(m)	>5	<1	0	0
Aluminum	ppm	ASTM D5185(m)	>50	▲ 56	42	36
Lead	ppm	ASTM D5185(m)	>50	39	9	8
Copper	ppm	ASTM D5185(m)	>225	20	12	10
Tin	ppm	ASTM D5185(m)	>10	6	4	3
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

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

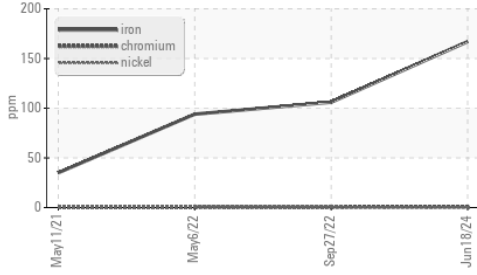
Silicon	ppm	ASTM D5185(m)	>20	8	7	7
Potassium	ppm	ASTM D5185(m)	>20	5	4	4
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

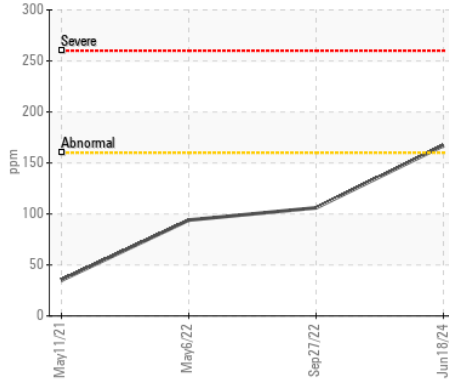
Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Sodium	ppm	ASTM D5185(m)		14	11	8
Boron	ppm	ASTM D5185(m)		59	70	83
Barium	ppm	ASTM D5185(m)		<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)		<1	1	1
Manganese	ppm	ASTM D5185(m)		2	2	2
Magnesium	ppm	ASTM D5185(m)		1	1	<1
Calcium	ppm	ASTM D5185(m)		81	64	66
Phosphorus	ppm	ASTM D5185(m)		225	262	264
Zinc	ppm	ASTM D5185(m)		13	10	12
Sulfur	ppm	ASTM D5185(m)		850	796	781
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	34.0	34.8	35.4

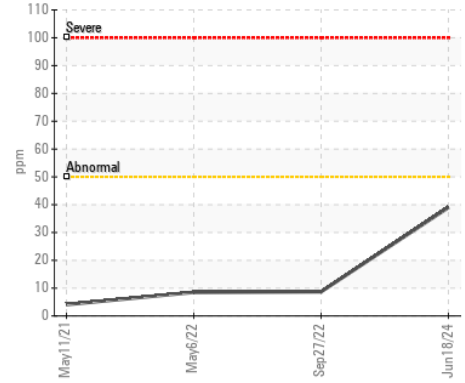
▲ Ferrous Alloys



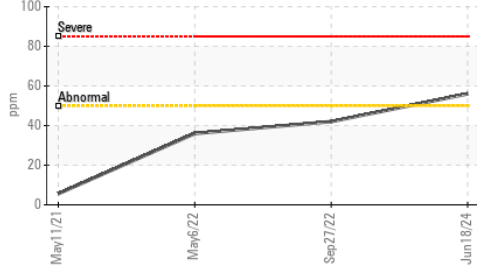
▲ Iron (ppm)



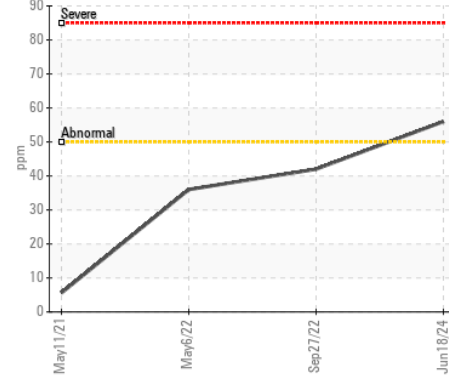
▲ Lead (ppm)



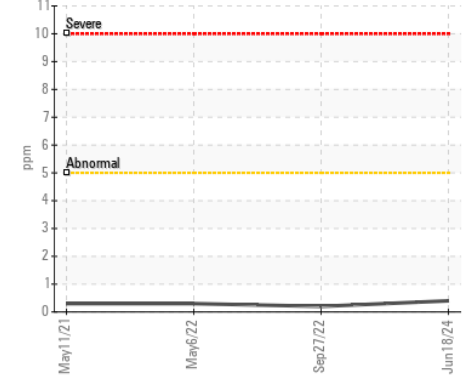
▲ Aluminum (ppm)



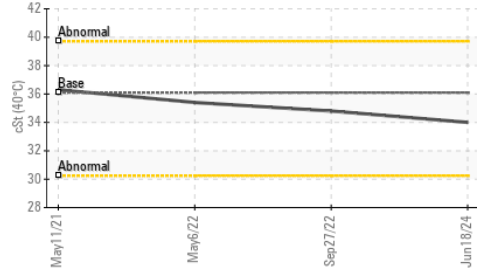
▲ Aluminum (ppm)



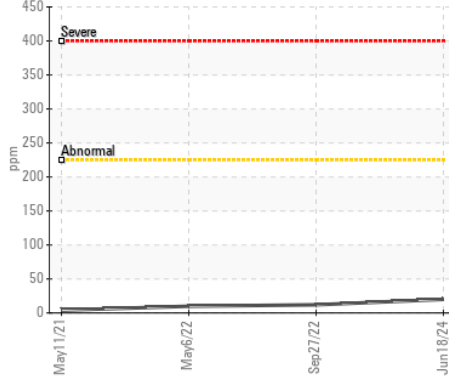
▲ Chromium (ppm)



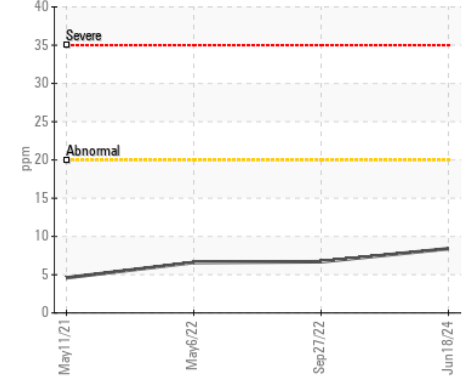
▲ Viscosity @ 40°C



▲ Copper (ppm)



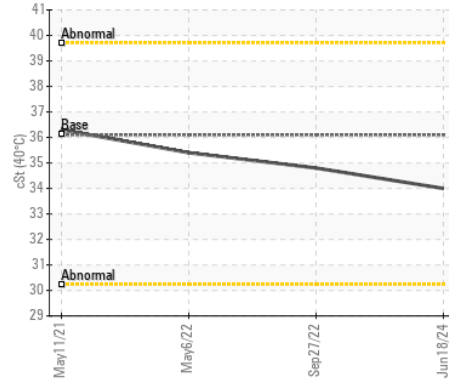
▲ Silicon (ppm)



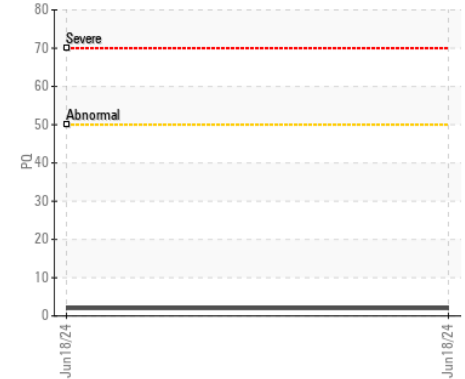
▲ PQ



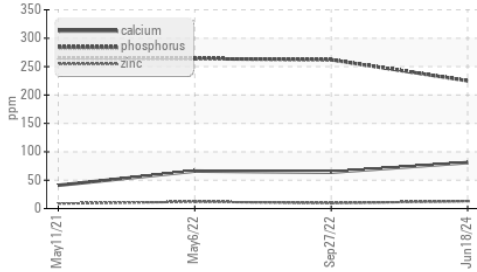
▲ Viscosity @ 40°C



▲ PQ



▲ Additives



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0120703
Lab Number : 02643231
Unique Number : 5800770
Test Package : MOB 1 (Additional Tests: PQ)

GFL Environmental - 747 - GMA - Solid Waste
 4 Chemin du Tremblay,
 Boucherville, QC
 CA J4B 6Z5
 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.

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F: