



Machine Id
8416
Component
Diesel Engine
Fluid
PETRO CANADA 10W30 (--- GAL)

RECOMMENDATION

Vérifier le niveau du fluide de refroidissement. Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. 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		GFL0117084	GFL0061263	GFL0089705
Sample Date		Client Info		04 Apr 2024	16 Nov 2023	05 Oct 2023
Machine Age	hrs	Client Info		16922	16664	16546
Oil Age	hrs	Client Info		600	100	600
Filter Age	hrs	Client Info		600	100	600
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	SEVERE	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>75	34	32	25
Chromium	ppm	ASTM D5185(m)	>5	2	2	2
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	<1	0	0
Silver	ppm	ASTM D5185(m)	>2	0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>15	5	8	3
Lead	ppm	ASTM D5185(m)	>25	0	1	<1
Copper	ppm	ASTM D5185(m)	>100	3	3	2
Tin	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

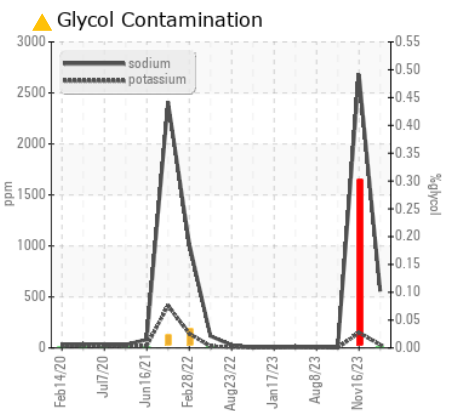
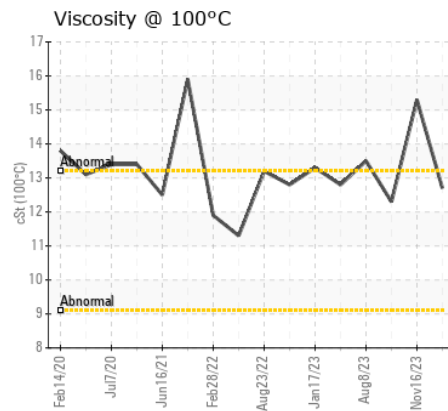
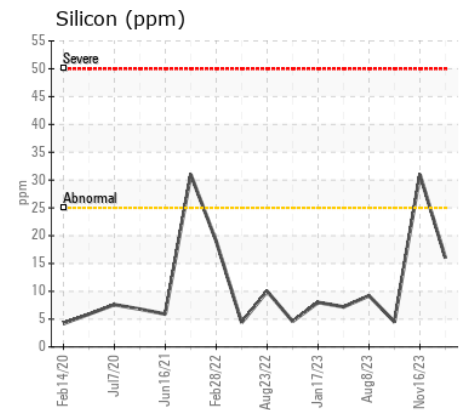
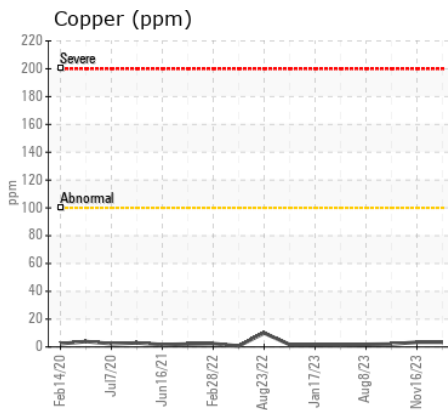
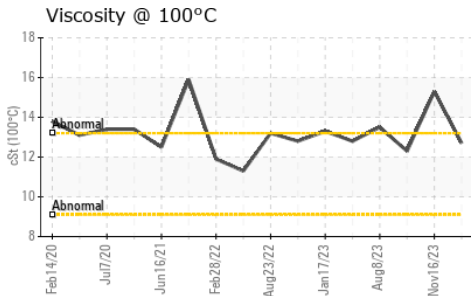
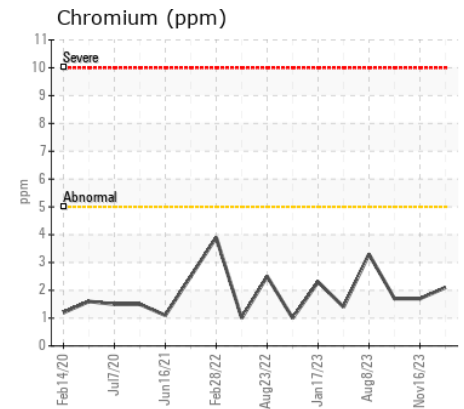
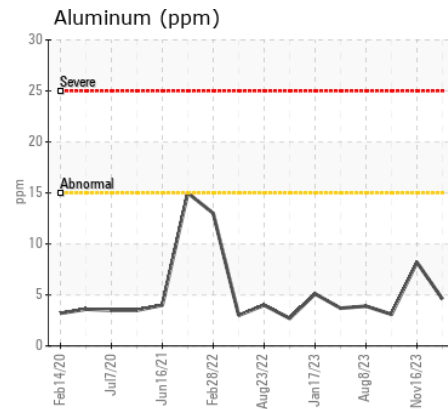
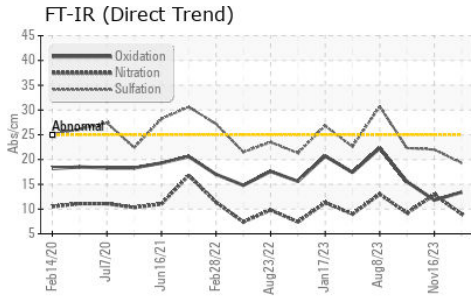
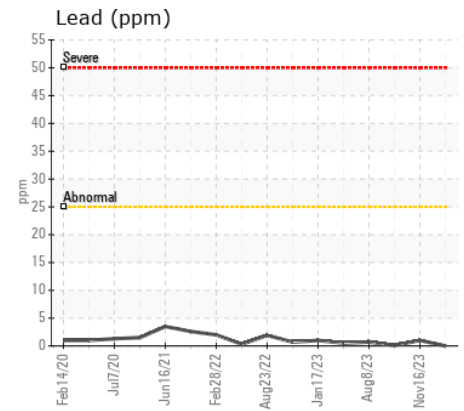
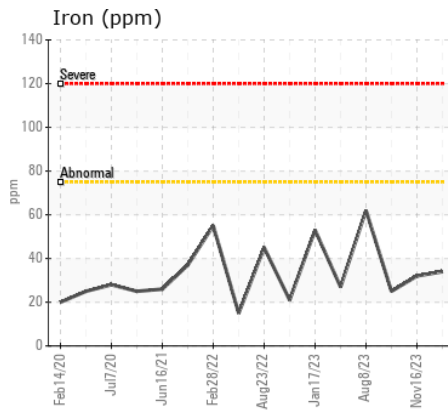
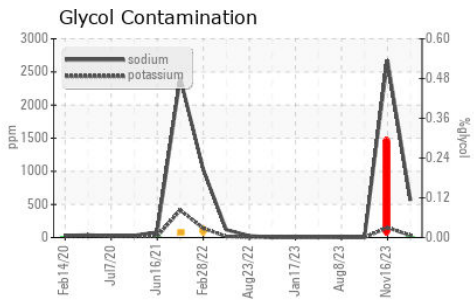
Des produits de traitement de l'eau sont présents, ce qui indique une fuite lente de fluide de refroidissement. Le test de glycol est négatif.

Silicon	ppm	ASTM D5185(m)	>25	16	31	4
Potassium	ppm	ASTM D5185(m)	>20	▲ 32	▲ 150	2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	▲ 0.302	NEG
Soot %	%	ASTM D7844*	>6	0.6	0.8	1
Nitration	Abs/cm	ASTM D7624*	>20	9.0	12.9	9.2
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.3	22.0	22.3
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

L'état de l'huile est acceptable pour la durée de service (voir recommandation).

Sodium	ppm	ASTM D5185(m)		● 559	● 2680	6
Boron	ppm	ASTM D5185(m)		17	60	40
Barium	ppm	ASTM D5185(m)		0	<1	<1
Molybdenum	ppm	ASTM D5185(m)		62	134	43
Manganese	ppm	ASTM D5185(m)		<1	0	0
Magnesium	ppm	ASTM D5185(m)		551	179	260
Calcium	ppm	ASTM D5185(m)		1549	1770	1945
Phosphorus	ppm	ASTM D5185(m)		913	847	988
Zinc	ppm	ASTM D5185(m)		1074	962	1197
Sulfur	ppm	ASTM D5185(m)		2619	2633	2762
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.4	11.8	15.5
Visc @ 100°C	cSt	ASTM D7279(m)		12.7	15.3	12.3



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0117084
Lab Number : 02630498
Unique Number : 5763630
Test Package : MOB 1

GFL Environmental - 732 - Beauce - Hauling - Solid Waste
 139, 181 Street,
 Beauceville, QC
 CA G5X 2S9
 Contact: Denis Bedard

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: (418)774-5275
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