



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
833084
Component
Diesel Engine
Fluid
PETRO CANADA DURON GEO LD 15W40 (--- GAL)

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		GFL0120774	GFL0107577	GFL0084458
Sample Date		Client Info		23 Apr 2024	26 Jan 2024	26 Jul 2023
Machine Age	hrs	Client Info		0	1188	0
Oil Age	hrs	Client Info		600	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Changed	Not Changd
Filter Changed		Client Info		N/A	Changed	Not Changd
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>80	11	16	32
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>30	1	2	4
Lead	ppm	ASTM D5185(m)	>30	0	<1	1
Copper	ppm	ASTM D5185(m)	>150	<1	3	16
Tin	ppm	ASTM D5185(m)	>5	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

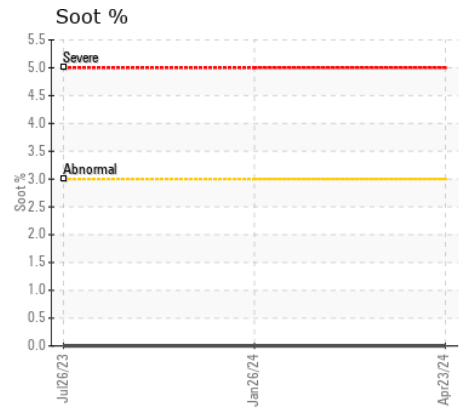
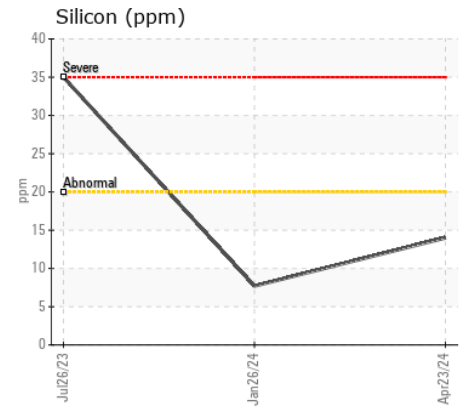
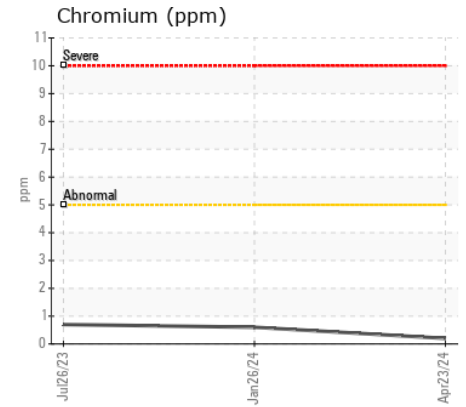
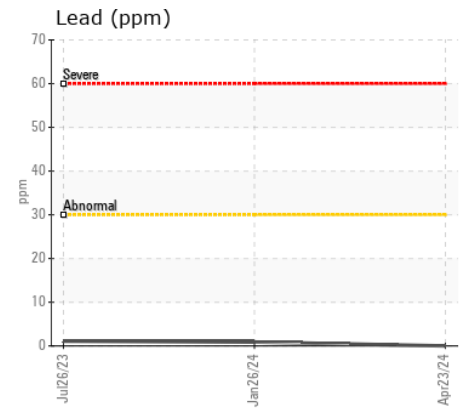
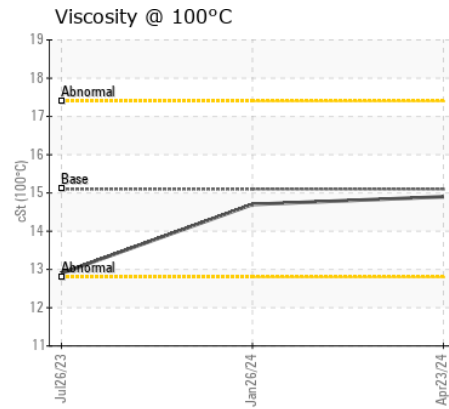
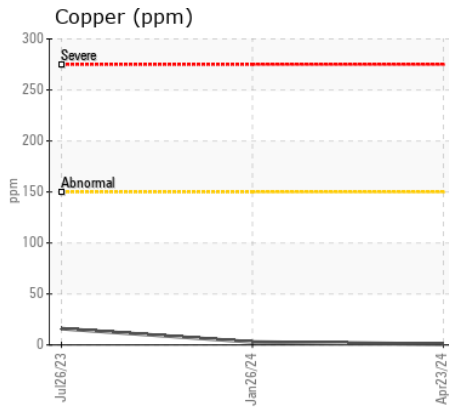
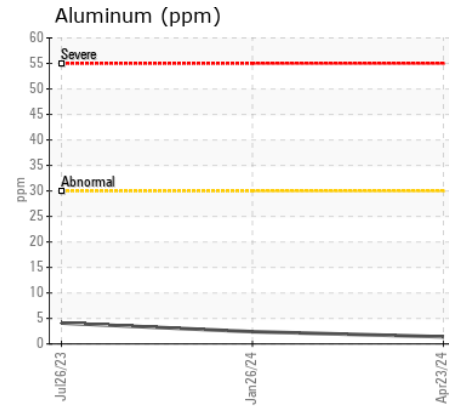
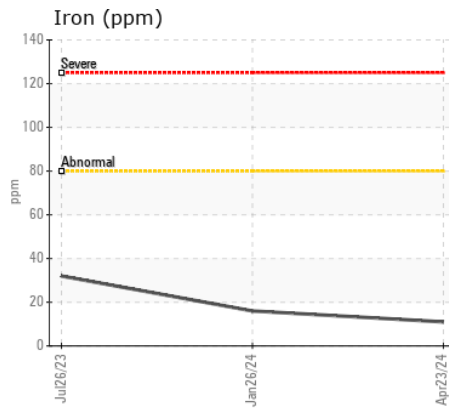
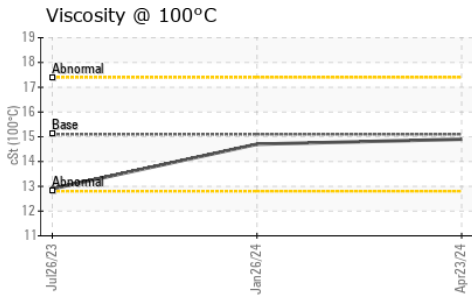
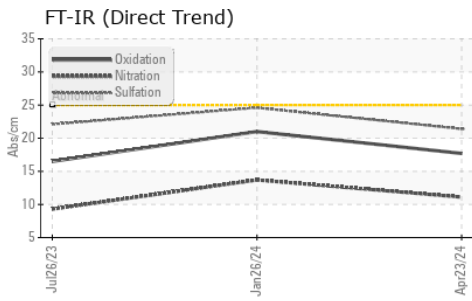
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	14	8	▲ 35
Potassium	ppm	ASTM D5185(m)	>20	1	13	15
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	0.0	NEG
Soot %	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	11.1	13.7	9.3
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.4	24.6	22.1
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		2	4	4
Boron	ppm	ASTM D5185(m)	50	13	8	12
Barium	ppm	ASTM D5185(m)	5	0	0	3
Molybdenum	ppm	ASTM D5185(m)	50	51	55	88
Manganese	ppm	ASTM D5185(m)	0	<1	1	12
Magnesium	ppm	ASTM D5185(m)	560	536	759	671
Calcium	ppm	ASTM D5185(m)	1510	1547	1308	1095
Phosphorus	ppm	ASTM D5185(m)	780	633	672	738
Zinc	ppm	ASTM D5185(m)	870	873	906	798
Sulfur	ppm	ASTM D5185(m)	2040	1924	2106	2329
Oxidation	Abs/.1mm	ASTM D7414*	>25	17.7	21.0	16.5
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	14.9	14.7	12.9



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0120774
Lab Number : 02633833
Unique Number : 5774986
Test Package : MOB 1
Received : 07 May 2024
Tested : 07 May 2024
Diagnosed : 07 May 2024 - Wes Davis

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.

T:
F: