

Machine Id
423081
Component
Natural Gas 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		GFL0120739	GFL0107588	---
Sample Date		Client Info		20 May 2024	07 Feb 2024	---
Machine Age	hrs	Client Info		600	633517	---
Oil Age	hrs	Client Info		600	0	---
Filter Age	hrs	Client Info		600	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Iron	ppm	ASTM D5185(m)	>50	12	8	---
Chromium	ppm	ASTM D5185(m)	>4	2	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	---
Titanium	ppm	ASTM D5185(m)		<1	0	---
Silver	ppm	ASTM D5185(m)	>3	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>9	4	4	---
Lead	ppm	ASTM D5185(m)	>30	<1	18	---
Copper	ppm	ASTM D5185(m)	>35	46	145	---
Tin	ppm	ASTM D5185(m)	>4	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

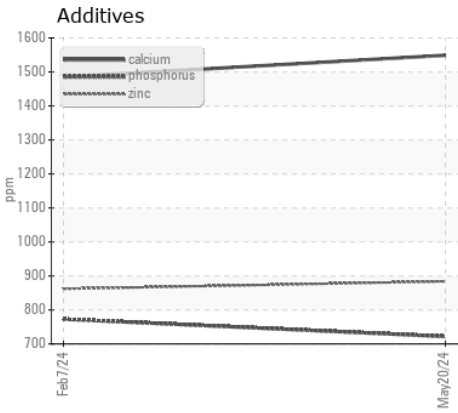
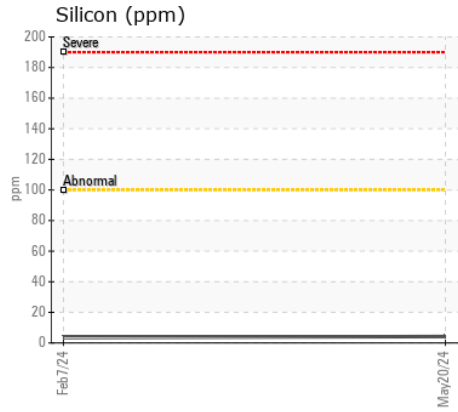
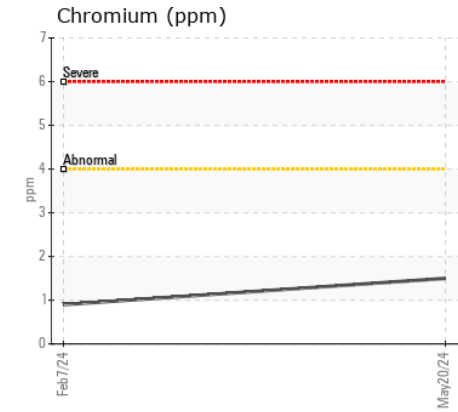
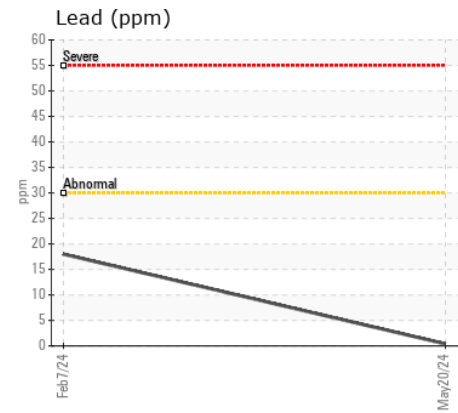
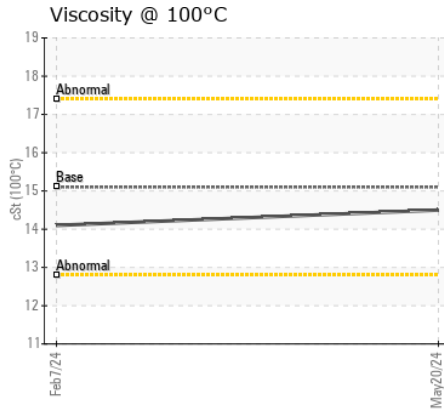
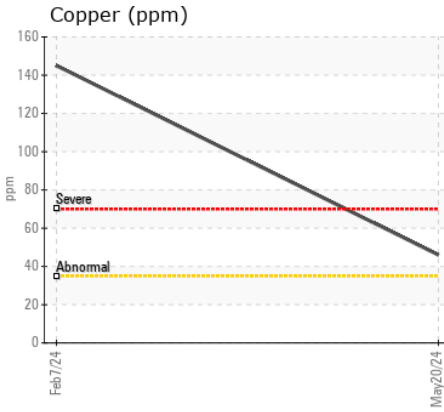
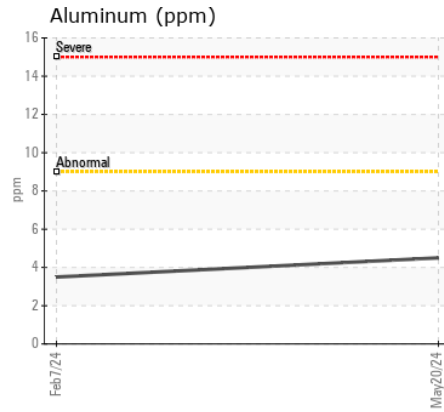
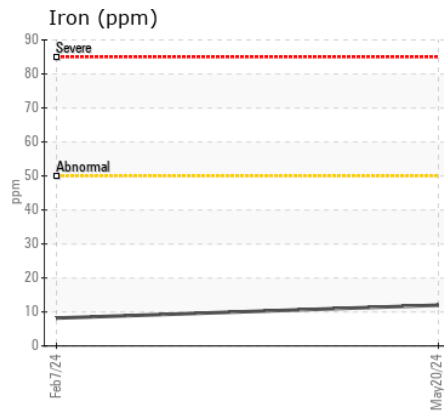
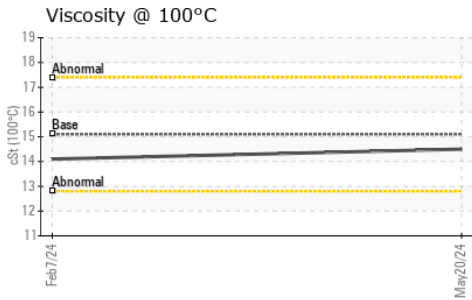
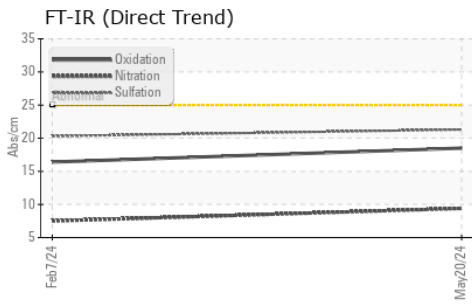
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>+100	4	4	---
Potassium	ppm	ASTM D5185(m)	>20	2	2	---
Water		WC Method	>0.1	NEG	NEG	---
Glycol		WC Method		---	0.0	---
Soot %	%	ASTM D7844*		0.4	0.1	---
Nitration	Abs/cm	ASTM D7624*	>20	9.4	7.5	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.3	20.3	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		4	3	---
Boron	ppm	ASTM D5185(m)	50	22	31	---
Barium	ppm	ASTM D5185(m)	5	0	0	---
Molybdenum	ppm	ASTM D5185(m)	50	49	48	---
Manganese	ppm	ASTM D5185(m)	0	<1	0	---
Magnesium	ppm	ASTM D5185(m)	560	564	569	---
Calcium	ppm	ASTM D5185(m)	1510	1549	1485	---
Phosphorus	ppm	ASTM D5185(m)	780	722	773	---
Zinc	ppm	ASTM D5185(m)	870	884	862	---
Sulfur	ppm	ASTM D5185(m)	2040	1792	2066	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	18.5	16.4	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	14.5	14.1	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 747 - GMA - Solid Waste**
Sample No. : GFL0120739 **Received** : 22 May 2024 **4 Chemin du Tremblay,**
Lab Number : 02636831 **Tested** : 22 May 2024 **Boucherville, QC**
Unique Number : 5785993 **Diagnosed** : 22 May 2024 - Wes Davis **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.