

Machine Id
831025
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		PC0088538	PC0083794	CU0019071
Sample Date		Client Info		11 Jun 2024	13 Mar 2024	28 Apr 2022
Machine Age	kms	Client Info		83911	0	31823
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Changed
Filter Changed		Client Info		N/A	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>90	12	21	59
Chromium	ppm	ASTM D5185(m)	>20	<1	1	3
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	2
Titanium	ppm	ASTM D5185(m)	>2	0	0	<1
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	6	13	20
Lead	ppm	ASTM D5185(m)	>40	<1	2	8
Copper	ppm	ASTM D5185(m)	>330	1	2	14
Tin	ppm	ASTM D5185(m)	>15	<1	0	3
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

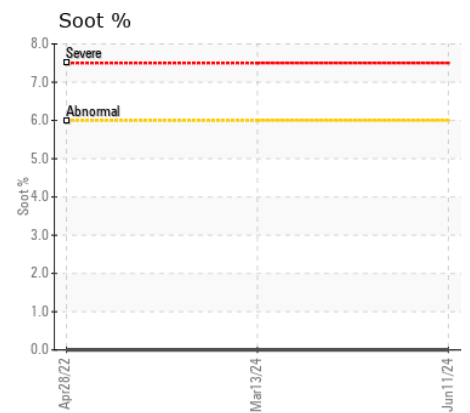
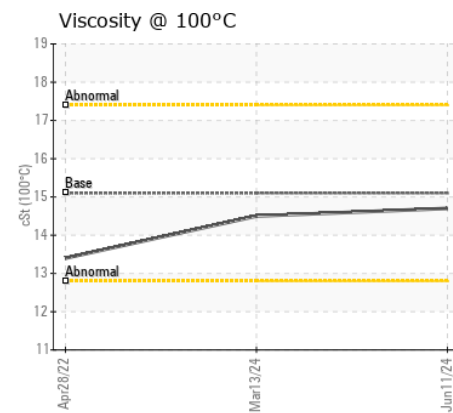
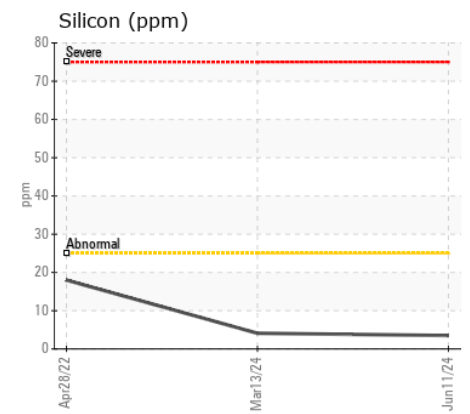
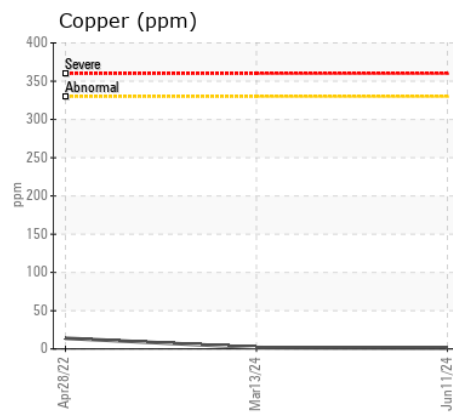
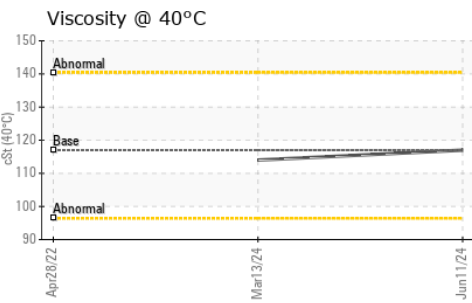
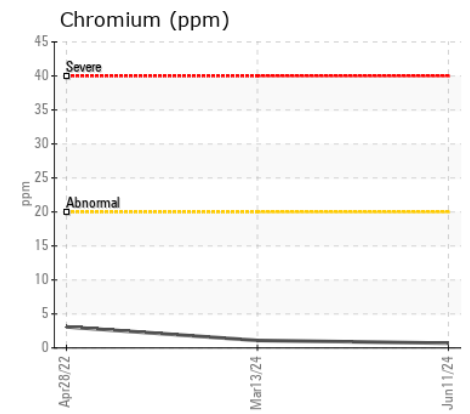
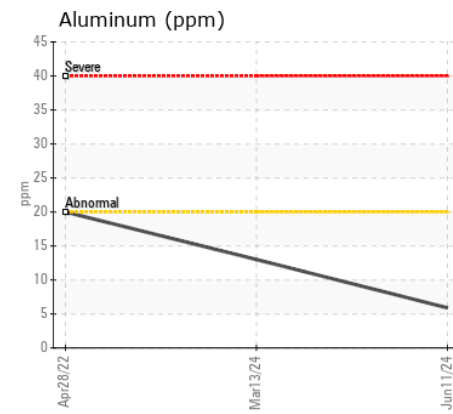
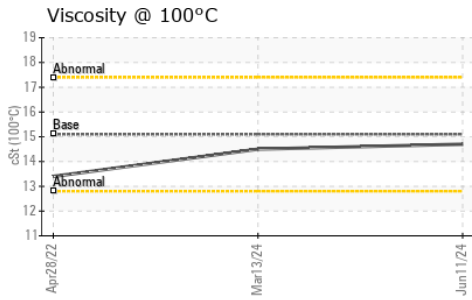
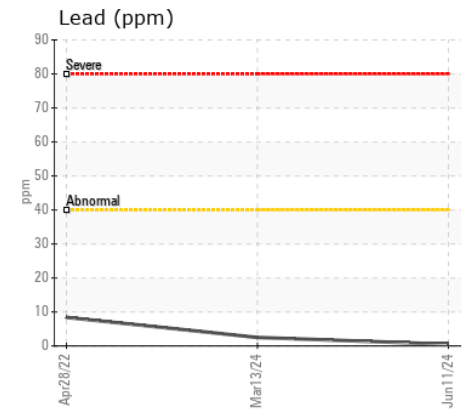
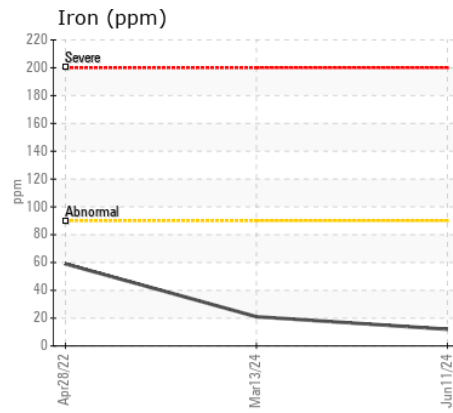
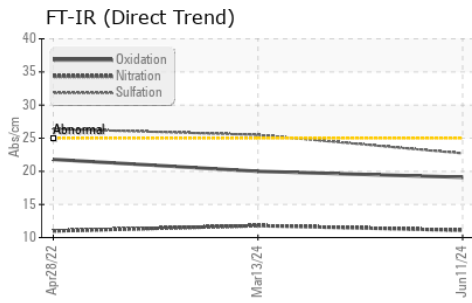
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	4	4	18
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	3
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>6	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	11.1	11.8	11.0
Sulfation	Abs/.1mm	ASTM D7415*	>30	22.7	25.5	26.4
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
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)		9	11	7
Boron	ppm	ASTM D5185(m)	50	7	7	9
Barium	ppm	ASTM D5185(m)	5	0	0	2
Molybdenum	ppm	ASTM D5185(m)	50	52	60	95
Manganese	ppm	ASTM D5185(m)	0	<1	0	9
Magnesium	ppm	ASTM D5185(m)	560	523	678	888
Calcium	ppm	ASTM D5185(m)	1510	1631	1798	1575
Phosphorus	ppm	ASTM D5185(m)	780	652	837	930
Zinc	ppm	ASTM D5185(m)	870	876	1018	1141
Sulfur	ppm	ASTM D5185(m)	2040	1914	2053	2122
Oxidation	Abs/.1mm	ASTM D7414*	>25	19.1	20.0	21.8
Visc @ 40°C	cSt	ASTM D7279(m)	117.0	117	114	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	14.7	14.5	13.4
Viscosity Index (VI)	Scale	ASTM D2270*	134	128	129	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088538
Lab Number : 02642554
Unique Number : 5800093
Test Package : MOB 1 (Additional Tests: KV40, VI, Visual)

GFL Environmental - 742 - Quebec City Solid Waste
 5160 Jean-Talon Pierre-Bertrand Bou
 Quebec City, QC
 CA G2J 1B7
 Contact: Jean Audet
 Jaudet@matrec.ca
 T: (418)624-0080
 F:

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.