



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
830014
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		PC0088674	PC0067975	CU0019312
Sample Date		Client Info		29 Apr 2024	01 May 2023	05 Jun 2022
Machine Age	kms	Client Info		118687	0	0
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>50	61	52	46
Chromium	ppm	ASTM D5185(m)	>4	6	6	9
Nickel	ppm	ASTM D5185(m)	>2	2	2	2
Titanium	ppm	ASTM D5185(m)		0	<1	0
Silver	ppm	ASTM D5185(m)	>3	0	0	0
Aluminum	ppm	ASTM D5185(m)	>9	14	▲ 15	11
Lead	ppm	ASTM D5185(m)	>30	3	10	10
Copper	ppm	ASTM D5185(m)	>35	2	2	3
Tin	ppm	ASTM D5185(m)	>4	1	2	2
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

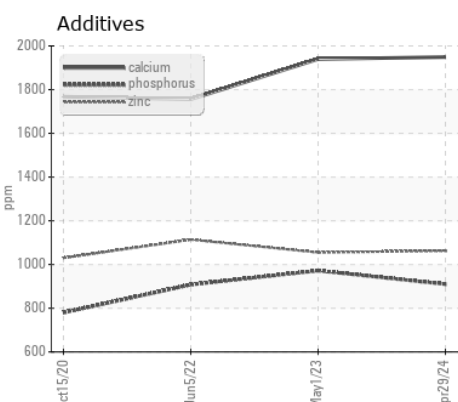
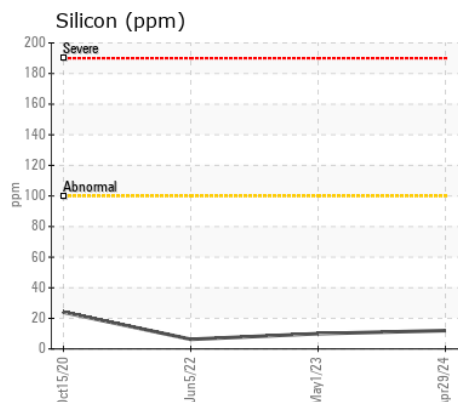
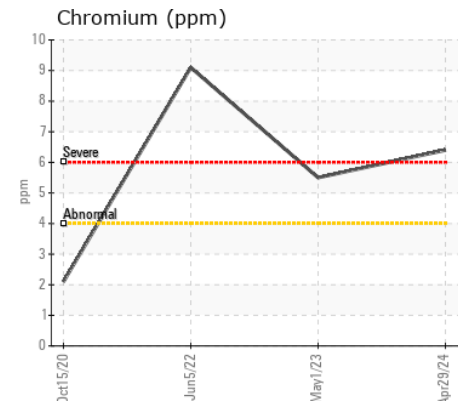
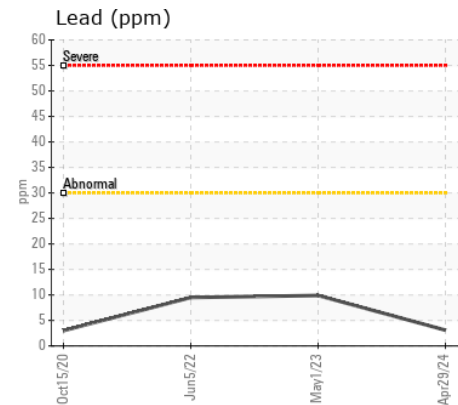
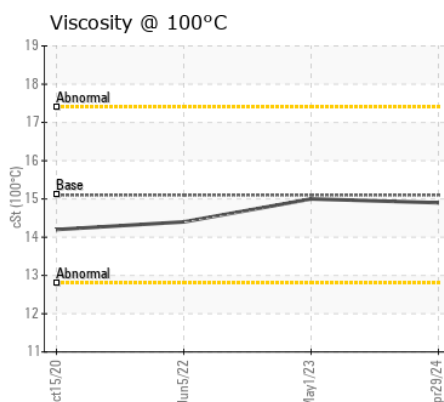
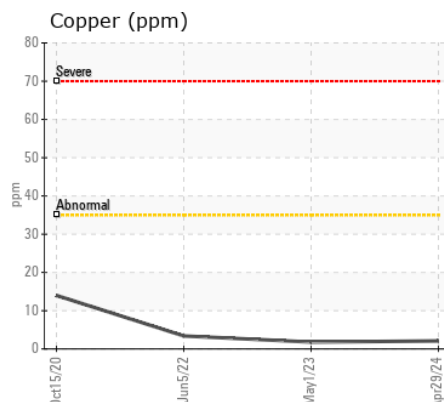
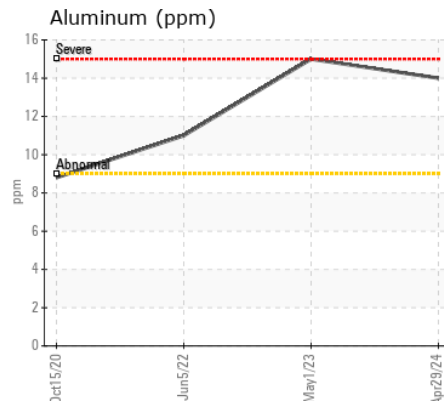
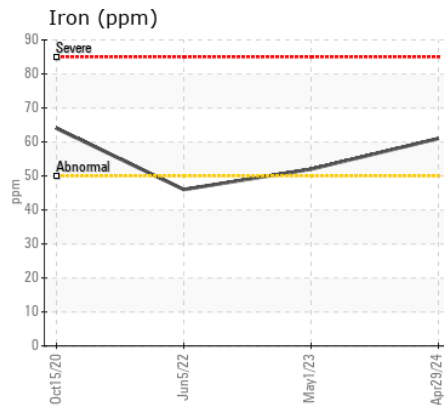
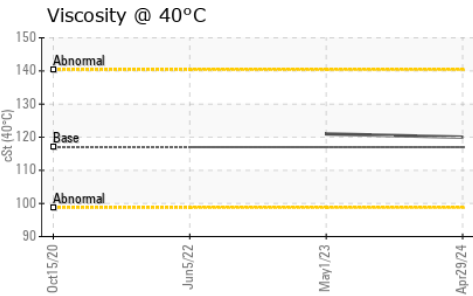
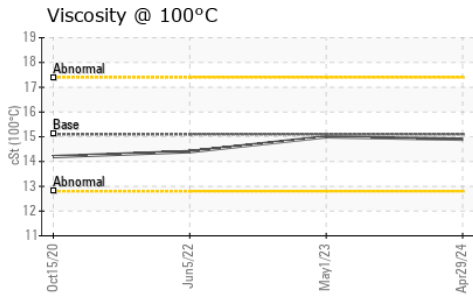
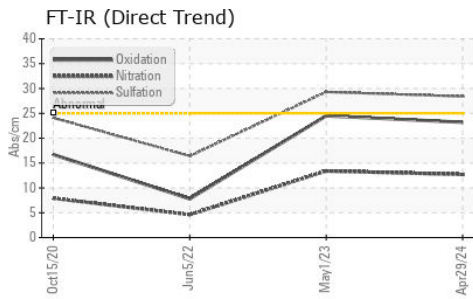
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>+100	12	10	6
Potassium	ppm	ASTM D5185(m)	>20	<1	0	2
Water		WC Method	>0.1	NEG	NEG	NEG
Soot %	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	12.7	13.4	4.6
Sulfation	Abs/.1mm	ASTM D7415*	>30	28.4	29.3	16.4
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		11	12	6
Boron	ppm	ASTM D5185(m)	50	13	8	11
Barium	ppm	ASTM D5185(m)	5	0	0	0
Molybdenum	ppm	ASTM D5185(m)	50	64	65	63
Manganese	ppm	ASTM D5185(m)	0	1	2	2
Magnesium	ppm	ASTM D5185(m)	560	693	705	789
Calcium	ppm	ASTM D5185(m)	1510	1949	1940	1756
Phosphorus	ppm	ASTM D5185(m)	780	910	972	908
Zinc	ppm	ASTM D5185(m)	870	1063	1055	1114
Sulfur	ppm	ASTM D5185(m)	2040	2162	2145	2381
Oxidation	Abs/.1mm	ASTM D7414*	>25	23.2	24.5	7.8
Visc @ 40°C	cSt	ASTM D7279(m)	117.0	120	121	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	14.9	15.0	14.4
Viscosity Index (VI)	Scale	ASTM D2270*	134	127	127	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088674
Lab Number : 02634267
Unique Number : 5775420
Test Package : MOB 1 (Additional Tests: KV40, VI)
Received : 09 May 2024
Tested : 09 May 2024
Diagnosed : 09 May 2024 - Wes Davis

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.