



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
831032
 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. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0088540	PC0075457	---
Sample Date		Client Info		27 Jun 2024	04 Aug 2023	---
Machine Age	kms	Client Info		118697	68704	---
Oil Age	kms	Client Info		0	0	---
Filter Age	kms	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	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	33	31	---
Chromium	ppm	ASTM D5185(m)	>4	4	3	---
Nickel	ppm	ASTM D5185(m)	>2	2	1	---
Titanium	ppm	ASTM D5185(m)		<1	<1	---
Silver	ppm	ASTM D5185(m)	>3	0	0	---
Aluminum	ppm	ASTM D5185(m)	>9	14	16	---
Lead	ppm	ASTM D5185(m)	>30	8	10	---
Copper	ppm	ASTM D5185(m)	>35	2	3	---
Tin	ppm	ASTM D5185(m)	>4	2	2	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

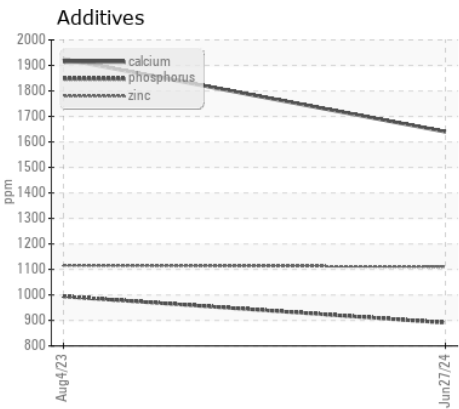
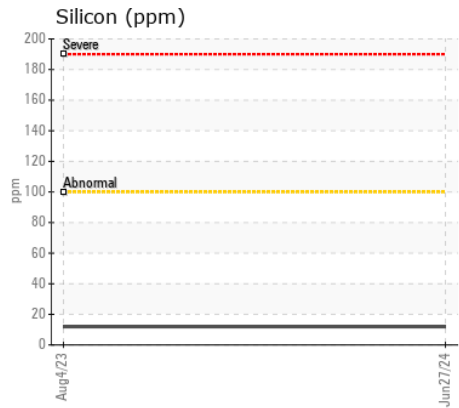
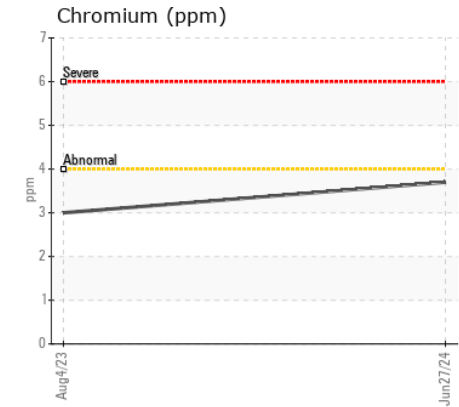
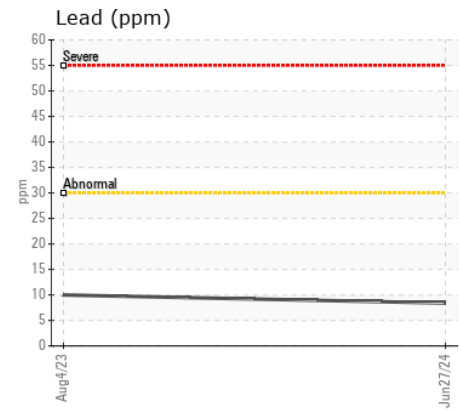
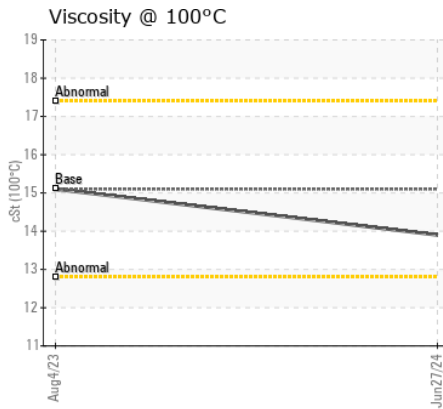
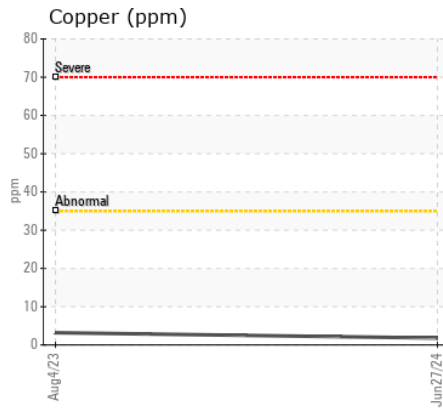
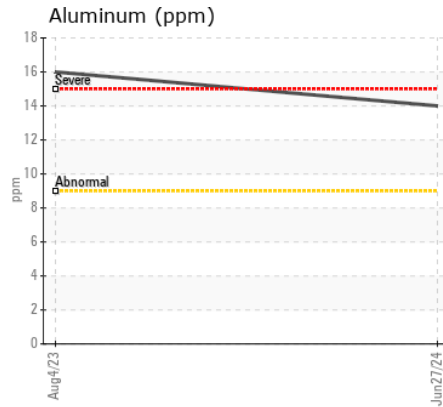
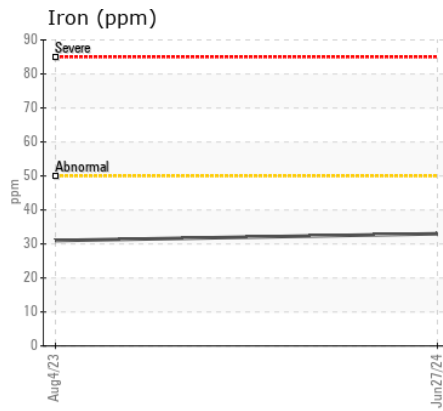
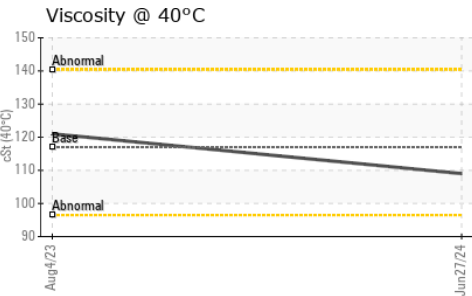
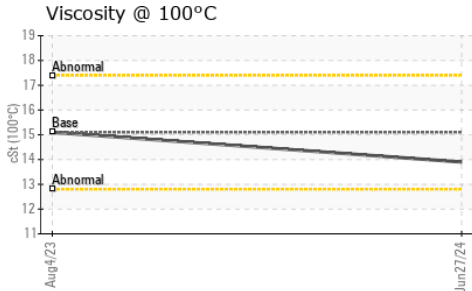
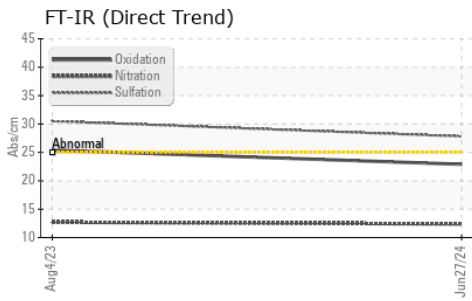
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>+100	12	12	---
Potassium	ppm	ASTM D5185(m)	>20	<1	1	---
Water		WC Method	>0.1	NEG	NEG	---
Soot %	%	ASTM D7844*		0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	12.4	12.7	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	27.8	30.5	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
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)		5	12	---
Boron	ppm	ASTM D5185(m)	50	6	13	---
Barium	ppm	ASTM D5185(m)	5	<1	0	---
Molybdenum	ppm	ASTM D5185(m)	50	65	66	---
Manganese	ppm	ASTM D5185(m)	0	1	2	---
Magnesium	ppm	ASTM D5185(m)	560	870	723	---
Calcium	ppm	ASTM D5185(m)	1510	1640	1925	---
Phosphorus	ppm	ASTM D5185(m)	780	891	994	---
Zinc	ppm	ASTM D5185(m)	870	1111	1116	---
Sulfur	ppm	ASTM D5185(m)	2040	2205	2189	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	22.9	25.4	---
Visc @ 40°C	cSt	ASTM D7279(m)	117.0	109	121	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	13.9	15.1	---
Viscosity Index (VI)	Scale	ASTM D2270*	134	127	129	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088540
Lab Number : 02645169
Unique Number : 5802708
Test Package : MOB 1 (Additional Tests: KV40, VI, Visual)

GFL Environmental - 742 - Quebec City Solid Waste
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 Quebec City, QC
 CA G2J 1B7
 Contact: Jean Audet
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 T: (418)624-0080
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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.