



Machine Id
930017
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		PC0088665	PC0088677	CU0021562
Sample Date		Client Info		08 May 2024	30 Apr 2024	24 Oct 2023
Machine Age	kms	Client Info		91695	996988	74127
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	ABNORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>50	8	39	37
Chromium	ppm	ASTM D5185(m)	>4	<1	3	2
Nickel	ppm	ASTM D5185(m)	>2	<1	1	1
Titanium	ppm	ASTM D5185(m)		0	<1	0
Silver	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>9	4	▲ 29	19
Lead	ppm	ASTM D5185(m)	>30	0	3	2
Copper	ppm	ASTM D5185(m)	>35	<1	3	5
Tin	ppm	ASTM D5185(m)	>4	0	1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

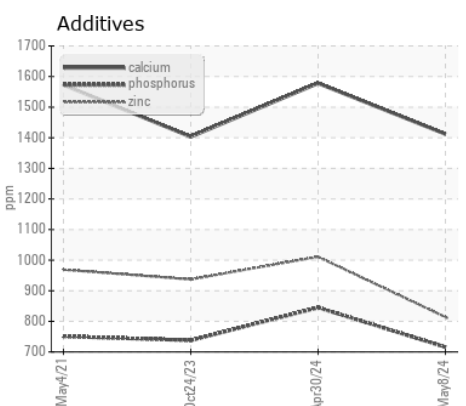
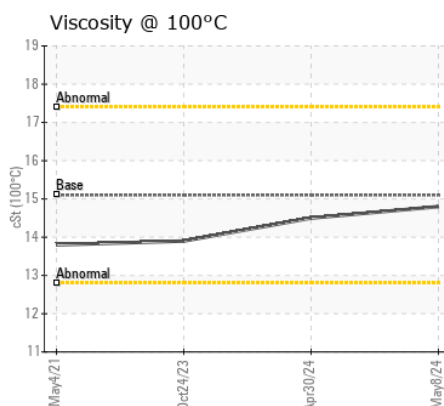
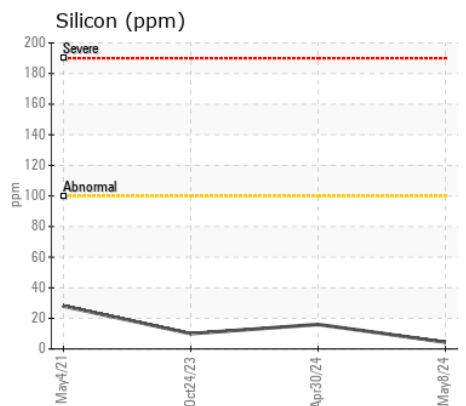
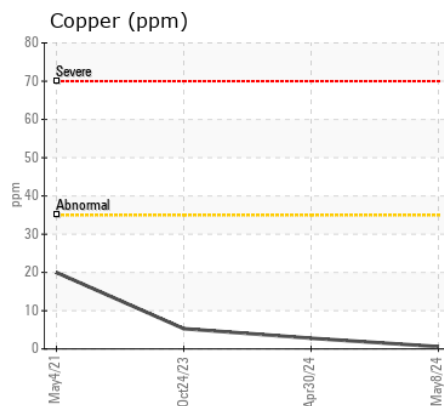
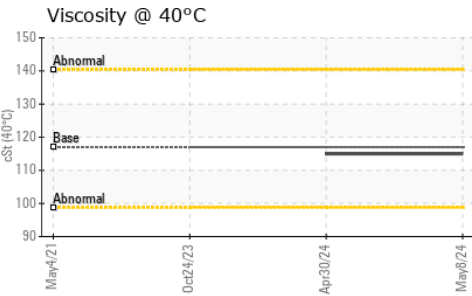
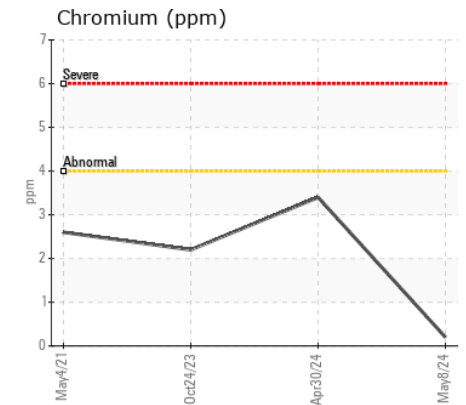
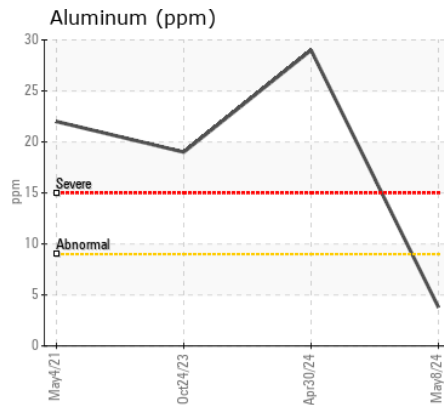
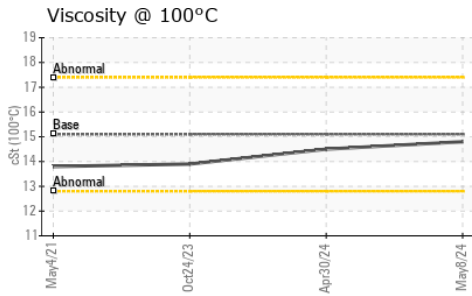
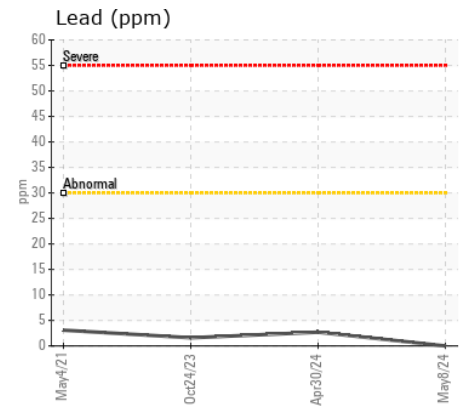
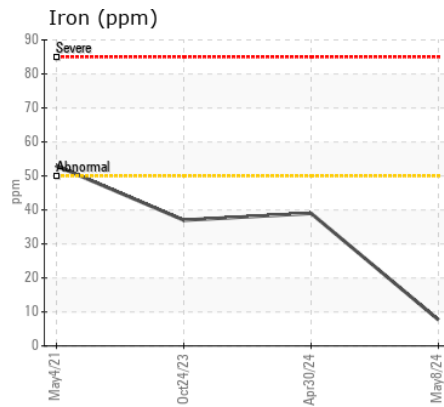
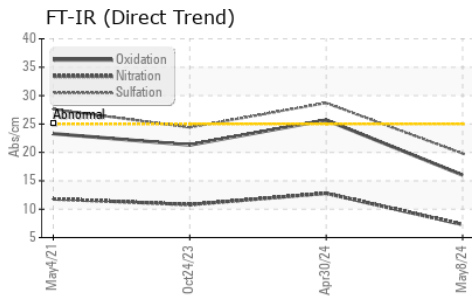
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>+100	4	16	10
Potassium	ppm	ASTM D5185(m)	>20	1	9	14
Water		WC Method	>0.1	NEG	NEG	NEG
Glycol		WC Method		---	0.0	0.0
Soot %	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	7.3	12.8	10.8
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.8	28.7	24.4
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	NORML
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)		4	5	6
Boron	ppm	ASTM D5185(m)	50	33	7	8
Barium	ppm	ASTM D5185(m)	5	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	50	48	64	61
Manganese	ppm	ASTM D5185(m)	0	<1	1	2
Magnesium	ppm	ASTM D5185(m)	560	544	875	776
Calcium	ppm	ASTM D5185(m)	1510	1412	1578	1403
Phosphorus	ppm	ASTM D5185(m)	780	716	845	738
Zinc	ppm	ASTM D5185(m)	870	814	1011	937
Sulfur	ppm	ASTM D5185(m)	2040	1924	2080	1971
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.0	25.7	21.3
Visc @ 40°C	cSt	ASTM D7279(m)	117.0	115	115	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	14.8	14.5	13.9
Viscosity Index (VI)	Scale	ASTM D2270*	134	132	128	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088665 **Received** : 16 May 2024
Lab Number : 02635933 **Tested** : 16 May 2024
Unique Number : 5785095 **Diagnosed** : 16 May 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: KV40, VI, Visual)

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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.