



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
801232
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		PC0081881	PC0066742	PC0067490
Sample Date		Client Info		04 Jan 2024	24 May 2023	16 Mar 2023
Machine Age	kms	Client Info		17728	249839	243559
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Filter Changed		Client Info		Changed	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>50	17	27	▲ 62
Chromium	ppm	ASTM D5185(m)	>4	2	2	▲ 8
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	1
Titanium	ppm	ASTM D5185(m)		0	<1	<1
Silver	ppm	ASTM D5185(m)	>3	0	0	0
Aluminum	ppm	ASTM D5185(m)	>9	11	8	▲ 22
Lead	ppm	ASTM D5185(m)	>30	<1	1	9
Copper	ppm	ASTM D5185(m)	>35	<1	<1	3
Tin	ppm	ASTM D5185(m)	>4	<1	<1	2
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

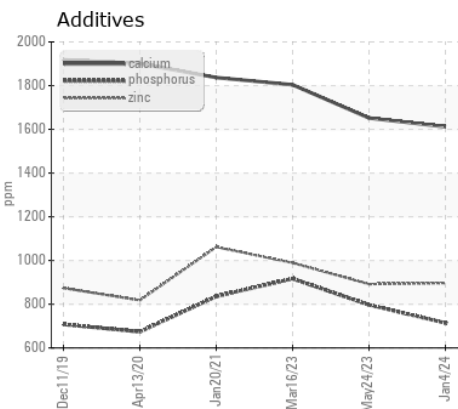
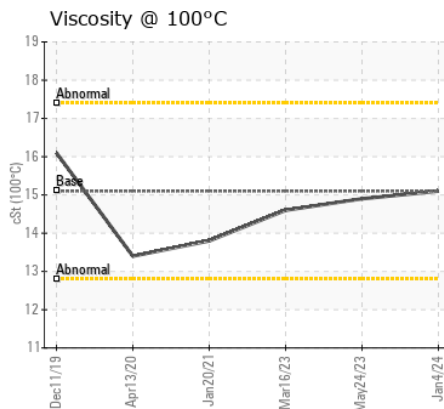
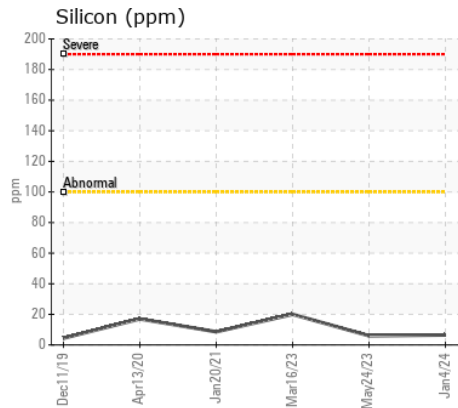
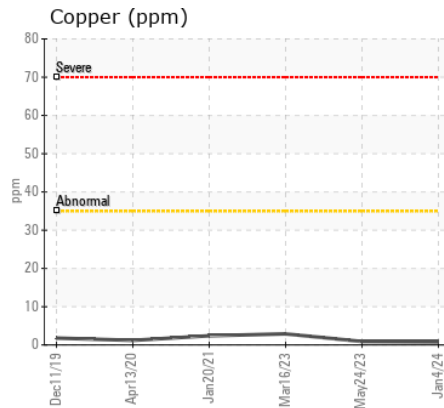
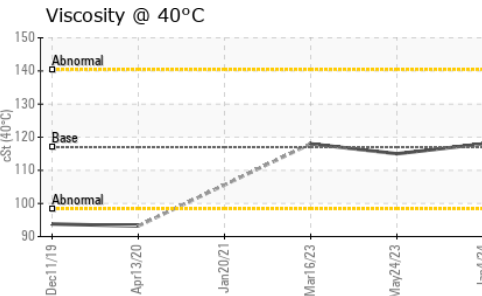
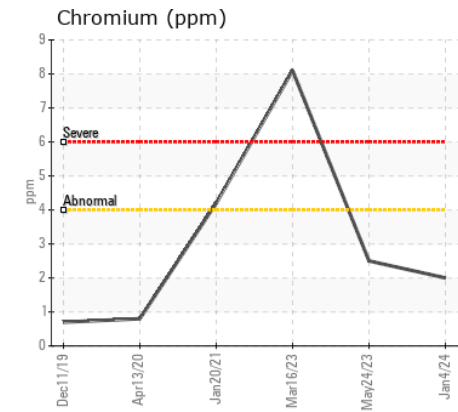
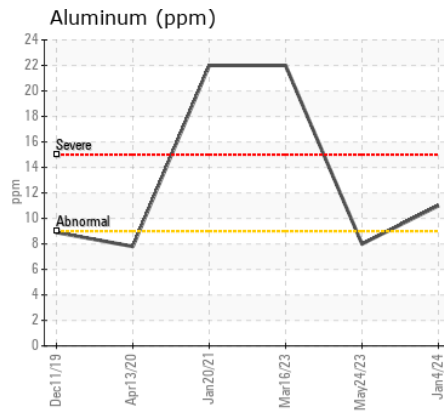
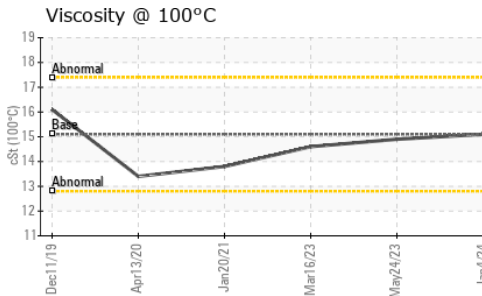
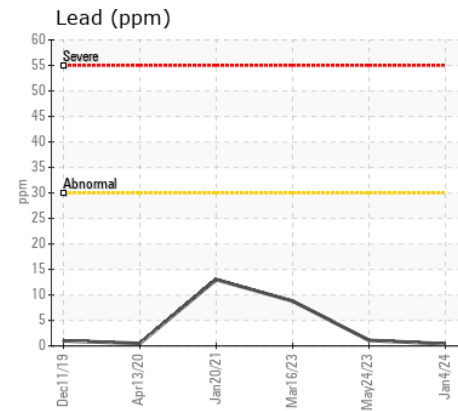
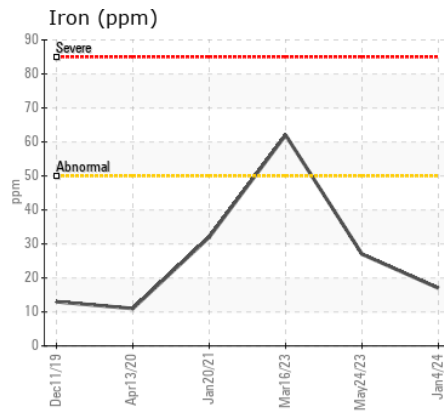
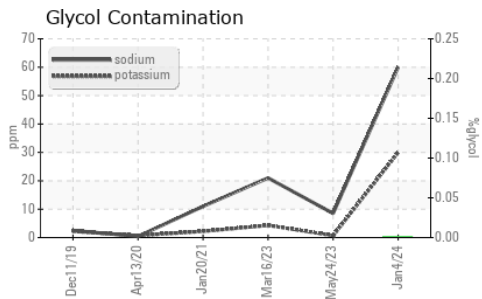
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>+100	6	6	20
Potassium	ppm	ASTM D5185(m)	>20	30	<1	4
Water		WC Method	>0.1	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	---	---
Soot %	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	10.6	10.8	6.4
Sulfation	Abs/.1mm	ASTM D7415*	>30	22.7	20.8	19.4
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)		60	8	21
Boron	ppm	ASTM D5185(m)	50	10	12	8
Barium	ppm	ASTM D5185(m)	5	0	0	0
Molybdenum	ppm	ASTM D5185(m)	50	53	51	62
Manganese	ppm	ASTM D5185(m)	0	0	<1	1
Magnesium	ppm	ASTM D5185(m)	560	534	573	631
Calcium	ppm	ASTM D5185(m)	1510	1612	1652	1804
Phosphorus	ppm	ASTM D5185(m)	780	714	797	917
Zinc	ppm	ASTM D5185(m)	870	897	892	989
Sulfur	ppm	ASTM D5185(m)	2040	2108	2027	2123
Oxidation	Abs/.1mm	ASTM D7414*	>25	18.1	17.3	10.5
Visc @ 40°C	cSt	ASTM D7279(m)	117.0	118	115	118
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	15.1	14.9	14.6
Viscosity Index (VI)	Scale	ASTM D2270*	134	132	133	125



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 742 - Quebec City Solid Waste
Sample No. : PC0081881 **Received** : 08 Jan 2024 5160 Jean-Talon Pierre-Bertrand Bou
Lab Number : 02606880 **Diagnosed** : 08 Jan 2024 Quebec City, QC
Unique Number : 5707966 **Diagnostician** : Wes Davis CA G2J 1B7
Test Package : MOB 1 (Additional Tests: Glycol, KV40, VI) Contact: Jean Audet

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.

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