



Machine Id
713062
Component
Diesel Engine
Fluid
PETRO CANADA 10W30 (--- 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		PC0082007	PC0067381	---
Sample Date		Client Info		15 Jan 2024	25 Jan 2023	---
Machine Age	kms	Client Info		21778	5067	---
Oil Age	kms	Client Info		0	0	---
Filter Age	kms	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	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)	>120	10	23	---
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>5	1	4	---
Titanium	ppm	ASTM D5185(m)	>2	0	<1	---
Silver	ppm	ASTM D5185(m)	>2	<1	<1	---
Aluminum	ppm	ASTM D5185(m)	>20	2	5	---
Lead	ppm	ASTM D5185(m)	>40	0	3	---
Copper	ppm	ASTM D5185(m)	>330	2	137	---
Tin	ppm	ASTM D5185(m)	>15	<1	2	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

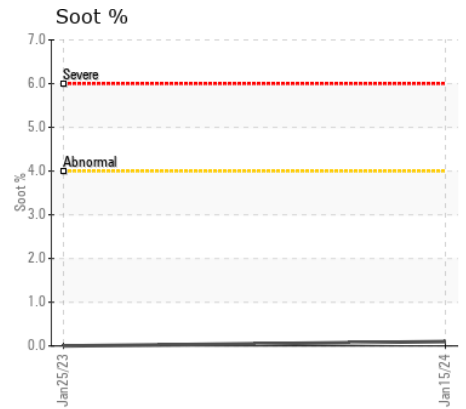
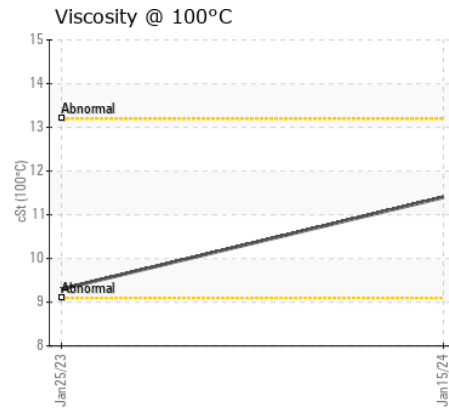
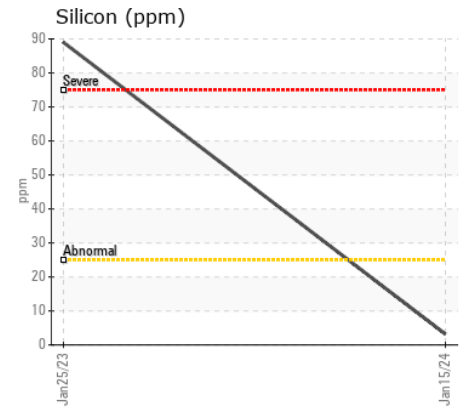
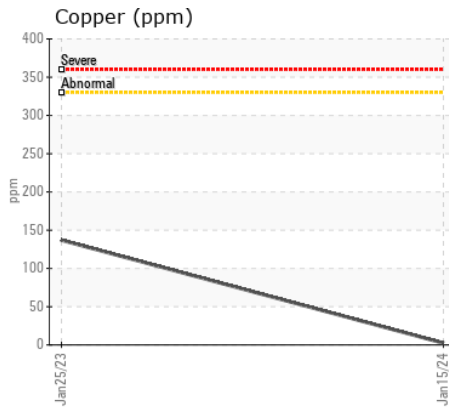
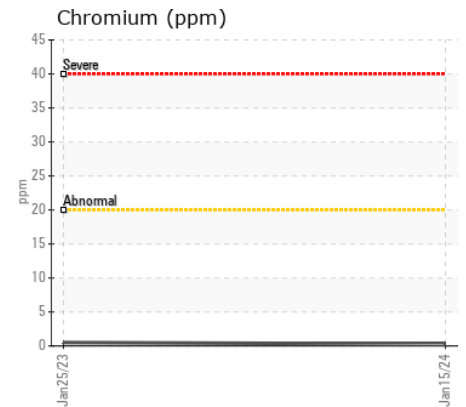
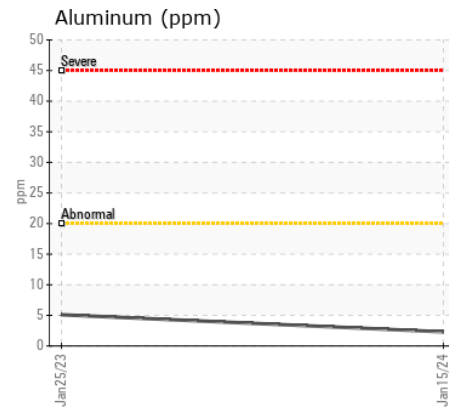
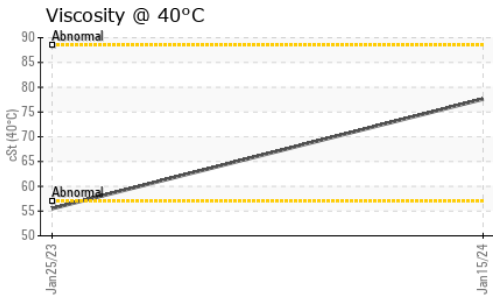
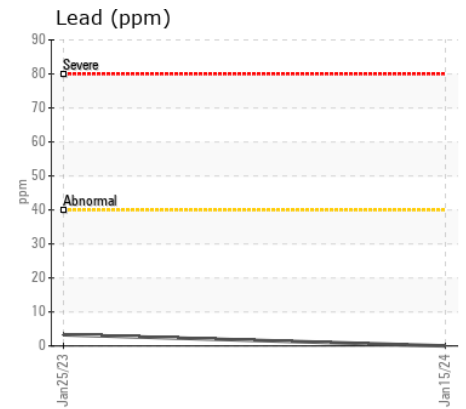
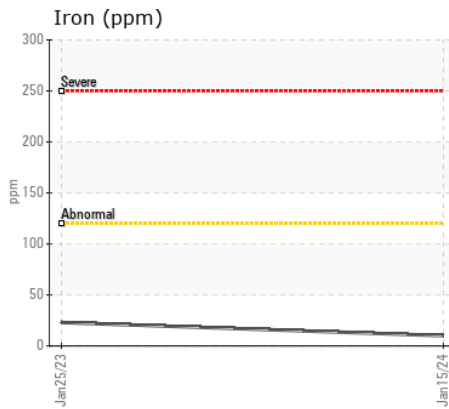
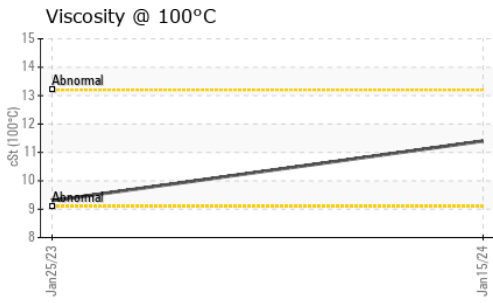
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	3	89	---
Potassium	ppm	ASTM D5185(m)	>20	4	5	---
Fuel		WC Method	>3.0	<1.0	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*	>4	0.1	0	---
Nitration	Abs/cm	ASTM D7624*	>20	7.8	9.1	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.9	26.6	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		2	3	---
Boron	ppm	ASTM D5185(m)		13	325	---
Barium	ppm	ASTM D5185(m)		0	<1	---
Molybdenum	ppm	ASTM D5185(m)		11	123	---
Manganese	ppm	ASTM D5185(m)		0	5	---
Magnesium	ppm	ASTM D5185(m)		114	644	---
Calcium	ppm	ASTM D5185(m)		2176	1516	---
Phosphorus	ppm	ASTM D5185(m)		920	712	---
Zinc	ppm	ASTM D5185(m)		1054	779	---
Sulfur	ppm	ASTM D5185(m)		3100	1981	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	12.7	23.4	---
Visc @ 40°C	cSt	ASTM D7279(m)		77.6	55.5	---
Visc @ 100°C	cSt	ASTM D7279(m)		11.4	9.3	---
Viscosity Index (VI)	Scale	ASTM D2270*		138	149	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling
Sample No. : PC0082007 **Received** : 17 Jan 2024 6205 Boul. Wilfrid Hamel,
Lab Number : 02609200 **Diagnosed** : 17 Jan 2024 Quebec City, QC
Unique Number : 5710286 **Diagnostician** : Wes Davis CA G2E 5G8
Test Package : MOB 1 (Additional Tests: KV40, VI) Contact: Dave Beaulieu
 davebeaulieu@matrec.ca

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.