



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
KOMATSU 13708

Component
Transmission

Fluid
PETRO CANADA PRODURO TO-4 SAE 10W (--- 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		PC0073760	PC0050132	---
Sample Date		Client Info		29 Feb 2024	12 Apr 2022	---
Machine Age	hrs	Client Info		10600	8654	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

Les taux d'usure de tous les composants sont normaux.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185(m)	>200	13	35	---
Chromium	ppm	ASTM D5185(m)	>10	0	<1	---
Nickel	ppm	ASTM D5185(m)		<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>50	1	4	---
Lead	ppm	ASTM D5185(m)	>50	6	2	---
Copper	ppm	ASTM D5185(m)	>200	2	9	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	VLITE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

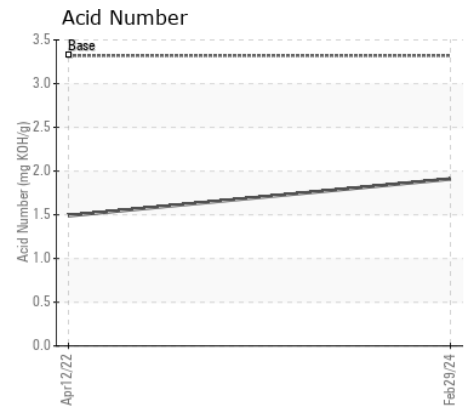
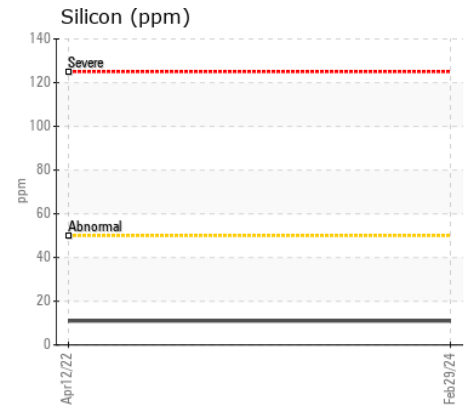
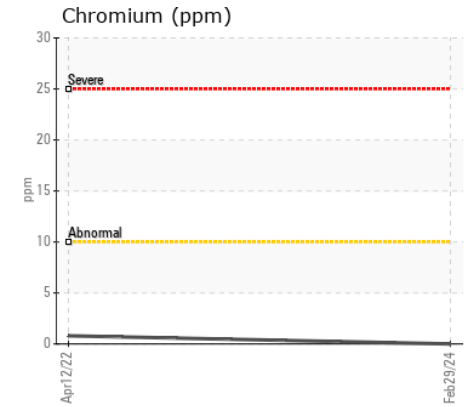
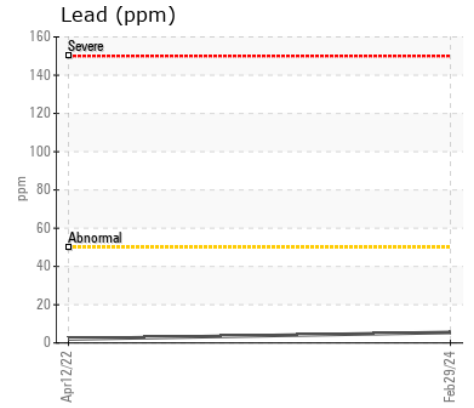
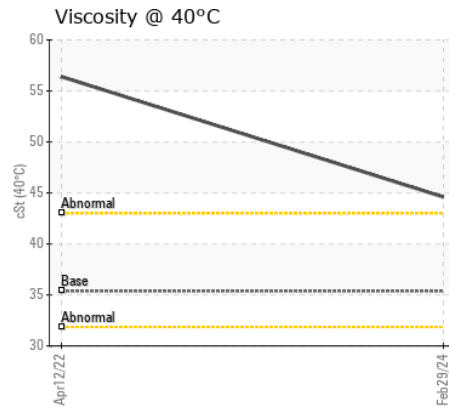
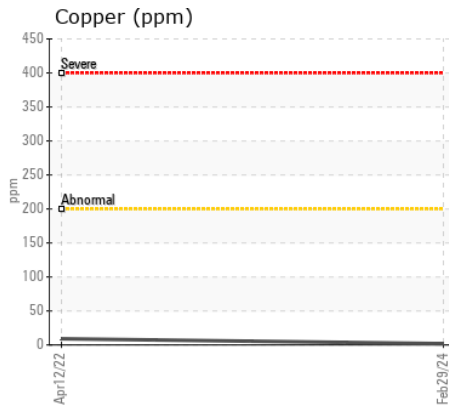
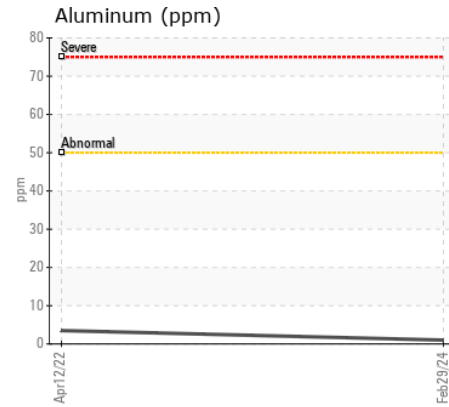
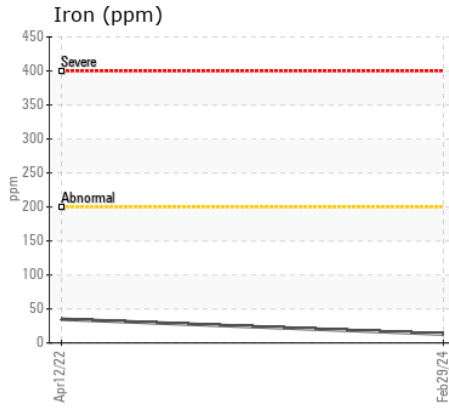
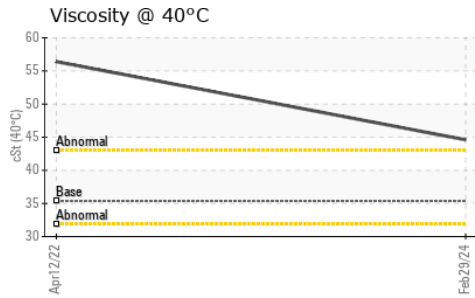
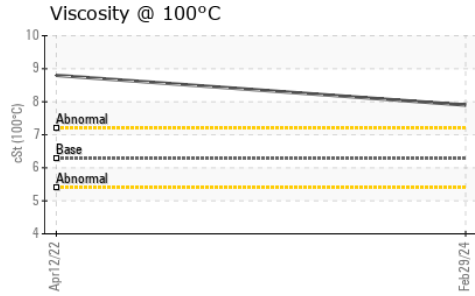
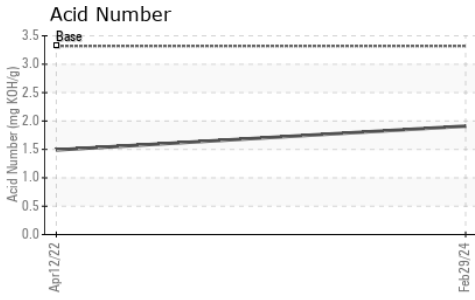
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>50	11	11	---
Potassium	ppm	ASTM D5185(m)	>20	1	2	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---

FLUID CONDITION

Le AN est acceptable pour ce fluide. L'état de le fluide permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		3	14	---
Boron	ppm	ASTM D5185(m)	1	64	20	---
Barium	ppm	ASTM D5185(m)	0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	1	4	51	---
Manganese	ppm	ASTM D5185(m)	1	0	<1	---
Magnesium	ppm	ASTM D5185(m)	1	12	671	---
Calcium	ppm	ASTM D5185(m)	2864	3224	1579	---
Phosphorus	ppm	ASTM D5185(m)	987	1103	1064	---
Zinc	ppm	ASTM D5185(m)	1162	1277	1177	---
Sulfur	ppm	ASTM D5185(m)	3713	3326	3458	---
Acid Number (AN)	mg KOH/g	ASTM D974*	3.32	1.91	1.49	---
Visc @ 40°C	cSt	ASTM D7279(m)	35.38	44.6	▲ 56.4	---
Visc @ 100°C	cSt	ASTM D7279(m)	6.28	7.9	▲ 8.8	---
Viscosity Index (VI)	Scale	ASTM D2270*	128	149	132	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : PC0073760

Lab Number : 02619316

Unique Number : 5736426

Test Package : MOB 2 (Additional Tests: KV100, PQ, VI)

Received : 01 Mar 2024

Tested : 04 Mar 2024

Diagnosed : 04 Mar 2024 - Wes Davis

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.

VILLE DE QUEBEC

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