



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
CONFEL ANICINAPEK DE KITCISAKIK [61-244603]

Machine Id
JOHN DEERE 95090503925

Component
Diesel Engine

Fluid
SHELL 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		WA0021071	WA0020329	---
Sample Date		Client Info		09 Jan 2024	22 Nov 2023	---
Machine Age	hrs	Client Info		1429	330	---
Oil Age	hrs	Client Info		500	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	N/A	---
Filter Changed		Client Info		Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>51	3	12	---
Chromium	ppm	ASTM D5185(m)	>11	0	0	---
Nickel	ppm	ASTM D5185(m)	>5	<1	0	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>3	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>31	3	4	---
Lead	ppm	ASTM D5185(m)	>26	<1	3	---
Copper	ppm	ASTM D5185(m)	>26	<1	8	---
Tin	ppm	ASTM D5185(m)	>4	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

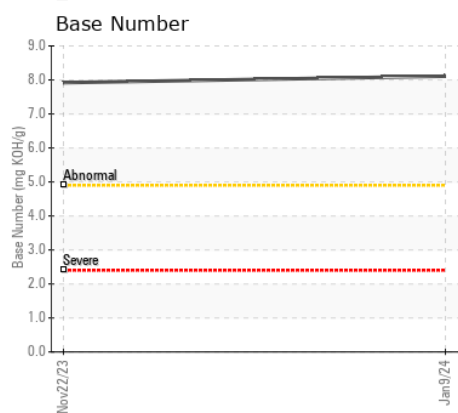
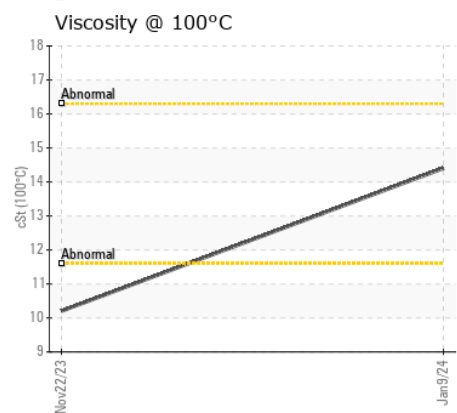
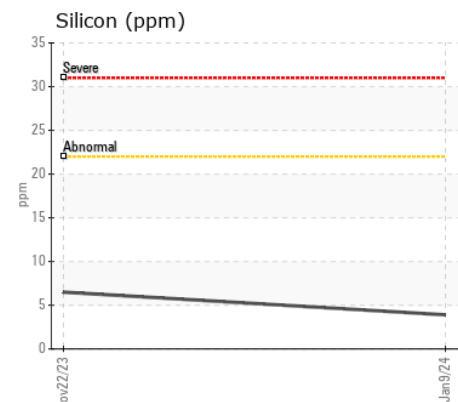
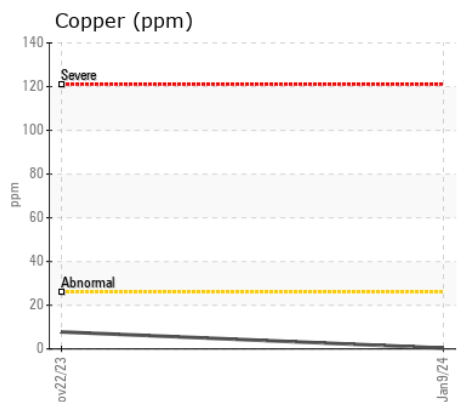
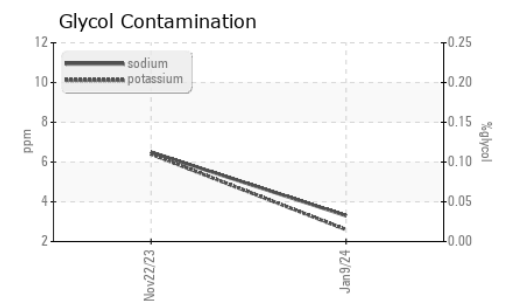
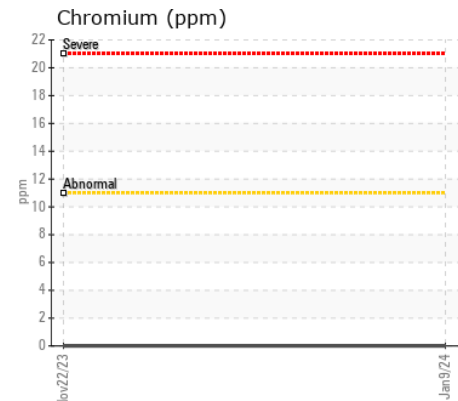
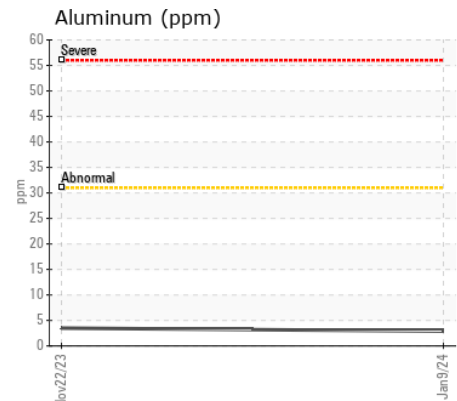
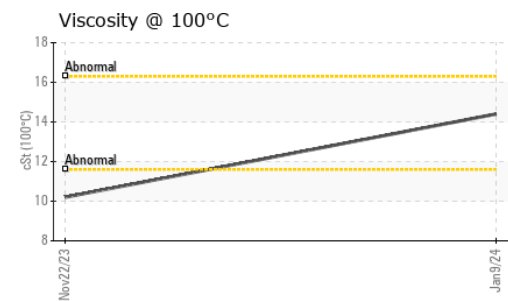
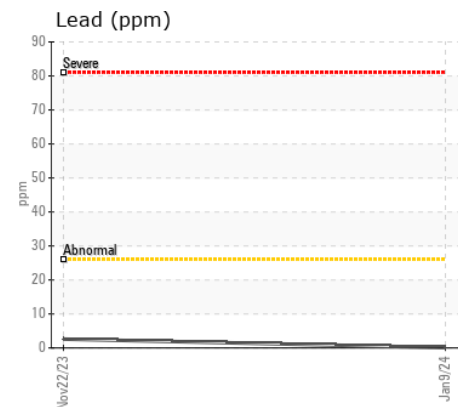
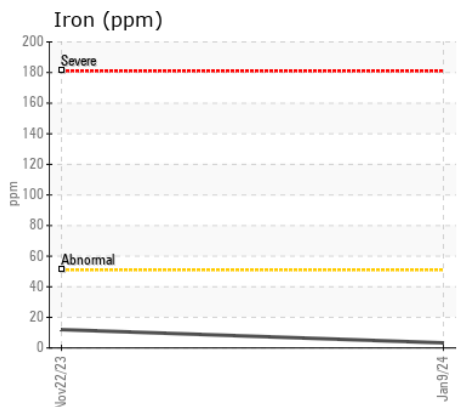
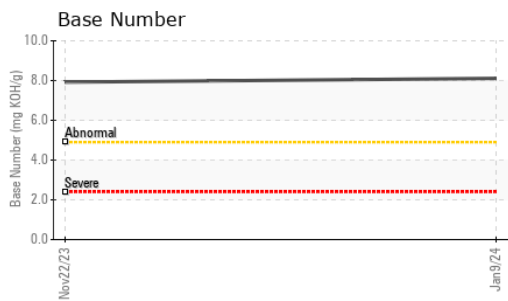
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>22	4	6	---
Potassium	ppm	ASTM D5185(m)	>20	3	6	---
Fuel		WC Method	>2.1	<1.0	0.9	---
Water		WC Method	>0.21	NEG	NEG	---
Glycol	%	ASTM D7922*		NEG	NEG	---
Soot %	%	ASTM D7844*	>3	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	7.9	8.2	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.7	21.4	---
Emulsified Water	scalar	Visual*	>0.21	NEG	NEG	---

FLUID CONDITION

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)	>150	3	6	---
Boron	ppm	ASTM D5185(m)		125	231	---
Barium	ppm	ASTM D5185(m)		0	1	---
Molybdenum	ppm	ASTM D5185(m)		130	230	---
Manganese	ppm	ASTM D5185(m)		0	<1	---
Magnesium	ppm	ASTM D5185(m)		429	745	---
Calcium	ppm	ASTM D5185(m)		1859	1415	---
Phosphorus	ppm	ASTM D5185(m)		883	852	---
Zinc	ppm	ASTM D5185(m)		1002	1012	---
Sulfur	ppm	ASTM D5185(m)		2843	2449	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.8	16.7	---
Base Number (BN)	mg KOH/g	ASTM D2896*		8.11	7.92	---
Visc @ 100°C	cSt	ASTM D7279(m)		14.4	10.2	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA021071 **Received** : 12 Jan 2024
Lab Number : 02608348 **Diagnosed** : 15 Jan 2024
Unique Number : 5709434 **Diagnostician** : Kevin Marson
Test Package : MOB 2 (Additional Tests: Glycol)

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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.