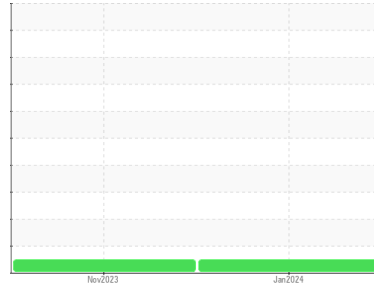


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
CONFIL ANICINAPEK DE KITCISAKIK [61-244603]
Machine Id
JOHN DEERE 95090503925

Component
Diesel Engine
Fluid
SHELL 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Wear

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

Contamination

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

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.

SAMPLE INFORMATION		method	limit/base	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	---
Oil Changed	Client Info			Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method	>2.1		<1.0	0.9	---
Water	WC Method	>0.21		NEG	NEG	---

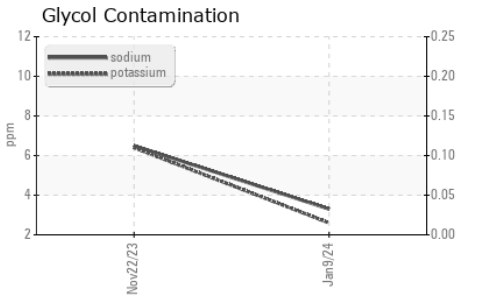
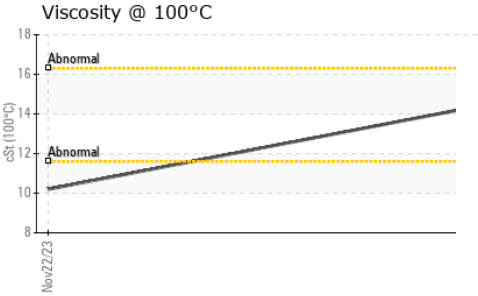
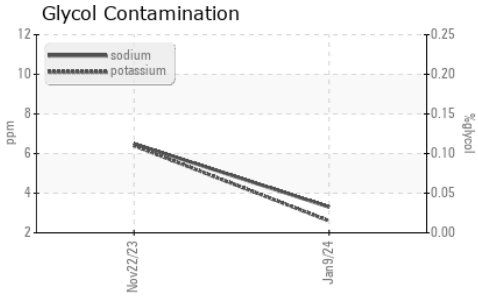
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>51	3	12	---
Chromium	ppm	ASTM D5185(m)	>11	0	0	---
Nickel	ppm	ASTM D5185(m)	>5	<1	0	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>3	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>31	3	4	---
Lead	ppm	ASTM D5185(m)	>26	<1	3	---
Copper	ppm	ASTM D5185(m)	>26	<1	8	---
Tin	ppm	ASTM D5185(m)	>4	0	<1	---
Antimony	ppm	ASTM D5185(m)		0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	0	---

ADDITIVES		method	limit/base	current	history1	history2
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	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>22	4	6	---
Sodium	ppm	ASTM D5185(m)	>150	3	6	---
Potassium	ppm	ASTM D5185(m)	>20	3	6	---
Glycol	%	ASTM D7922*		NEG	NEG	---

INFRA-RED		method	limit/base	current	history1	history2
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	---

OIL ANALYSIS REPORT

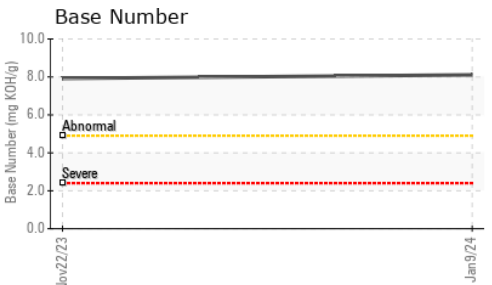
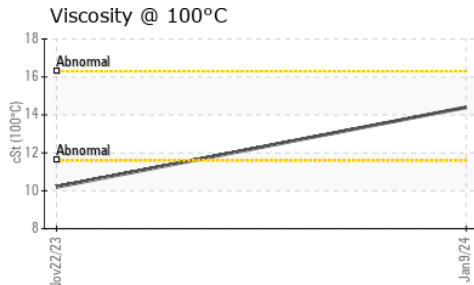
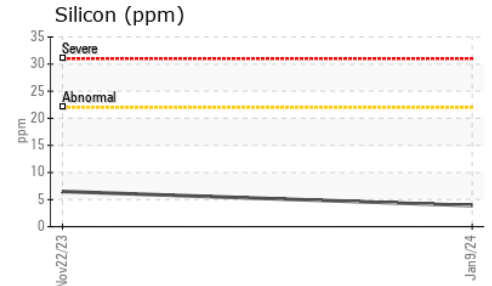
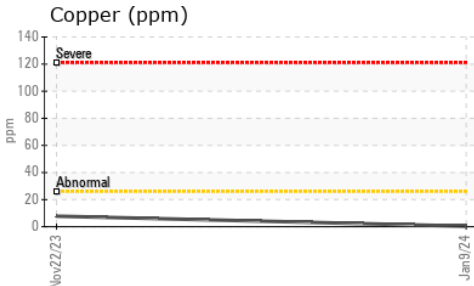
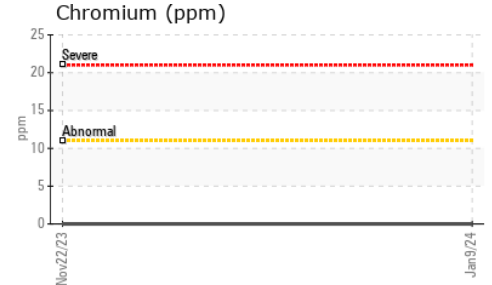
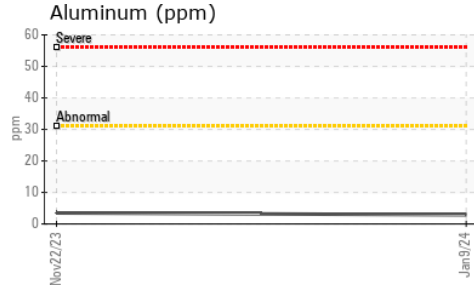
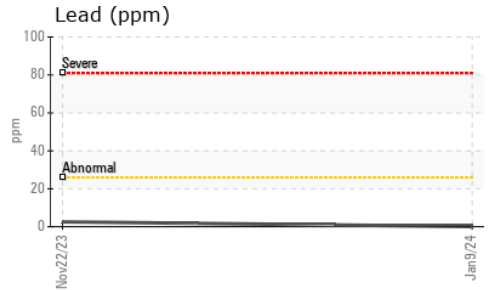
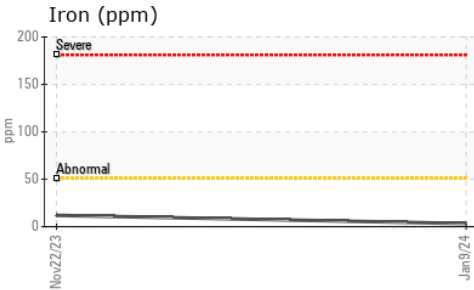


FLUID DEGRADATION	method	limit/base	current	history1	history2	
Oxidation	Abs./1mm	ASTM D7414*	>25	13.8	16.7	---
Base Number (BN)	mg KOH/g	ASTM D2896*		8.11	7.92	---

VISUAL	method	limit/base	current	history1	history2	
Emulsified Water	scalar	Visual*	>0.21	NEG	NEG	---
Free Water	scalar	Visual*		NEG	NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 100°C	cSt	ASTM D7279(m)		14.4	10.2	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021071 **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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 Val D'Or, QC
 CA J9P 6X4
 Contact: Louis Journeault
 ljourneault@wajax.com
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 F: (819)874-8995

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.