



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
CONSEIL ANICINALEK KITUISAKIK [6100257093]

Machine Id
JOHN DEERE 149330

Component
Diesel Engine

Fluid
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)

RECOMMENDATION

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage.
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		WA0021089	---	---
Sample Date		Client Info		09 Feb 2024	---	---
Machine Age	hrs	Client Info		2200	---	---
Oil Age	hrs	Client Info		300	---	---
Filter Age	hrs	Client Info		300	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

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

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

CONTAMINATION

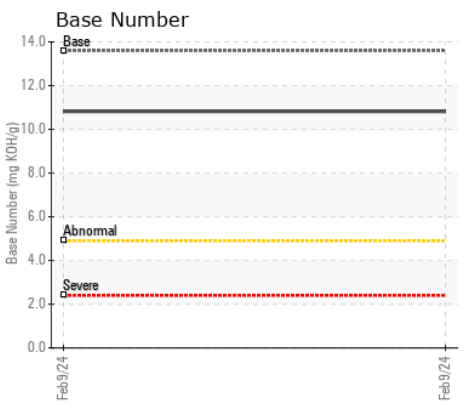
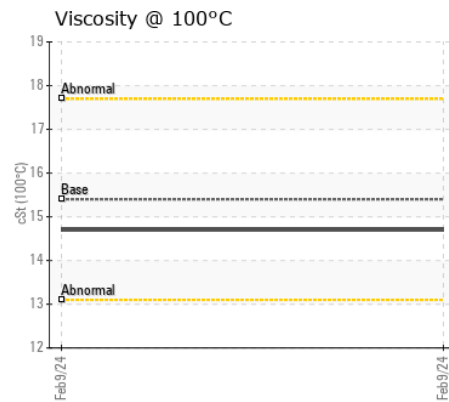
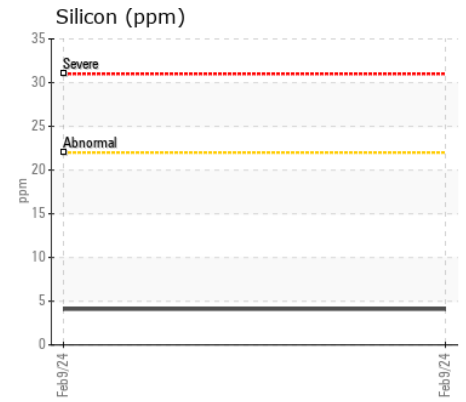
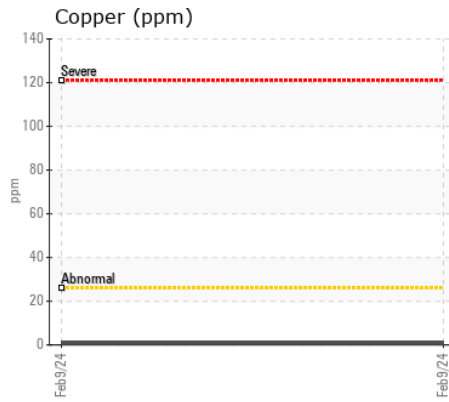
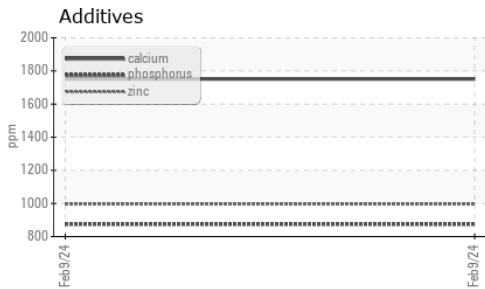
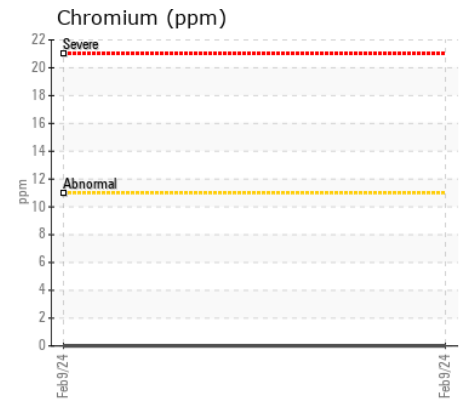
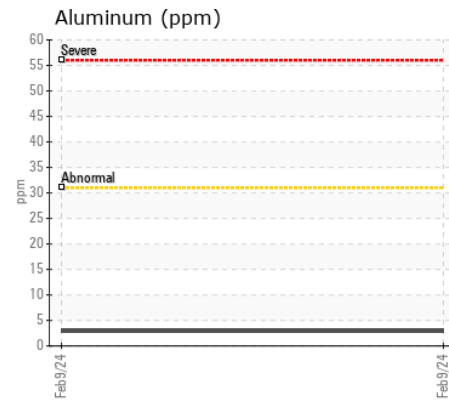
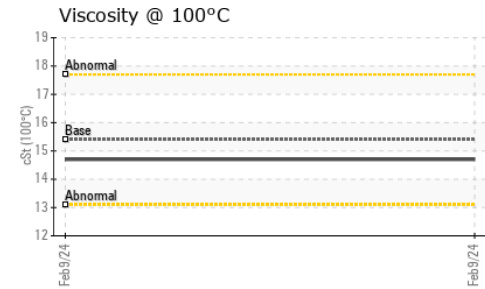
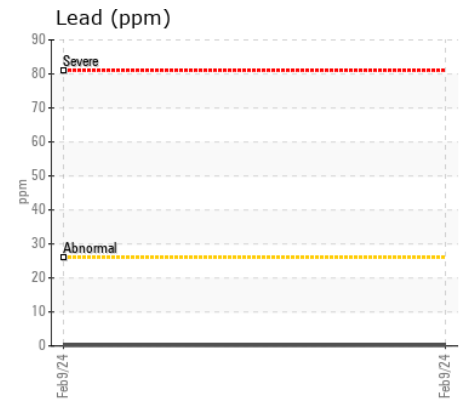
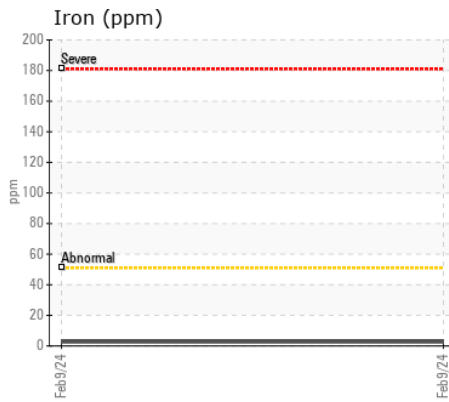
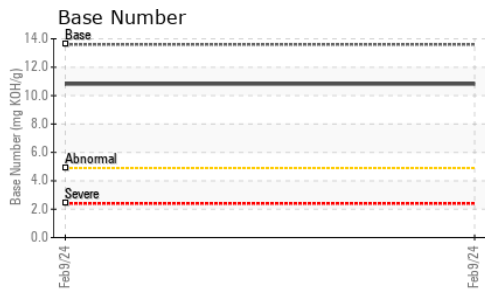
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>22	4	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Fuel		WC Method	>2.1	<1.0	---	---
Water		WC Method	>0.21	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>3	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	7.3	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.8	---	---
Emulsified Water	scalar	Visual*	>0.21	NEG	---	---

FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. 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)	>31	3	---	---
Boron	ppm	ASTM D5185(m)		161	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		163	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)		533	---	---
Calcium	ppm	ASTM D5185(m)		1751	---	---
Phosphorus	ppm	ASTM D5185(m)		875	---	---
Zinc	ppm	ASTM D5185(m)		995	---	---
Sulfur	ppm	ASTM D5185(m)		2808	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.6	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*	13.6	10.82	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	14.7	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021089
Lab Number : 02616174
Unique Number : 5733284
Test Package : MOB 2
Received : 16 Feb 2024
Tested : 20 Feb 2024
Diagnosed : 20 Feb 2024 - Kevin Marson

Wajax Power Systems
 1080 Rue Jules-Brisebois
 Val D'Or, QC
 CA J9P 6X4
 Contact: Luc Laflamme
 llaflamme@wajax.com
 T: (819)874-2552
 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.