



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
KMB EXCAVATION
Machine Id
JOHN DEERE 250D ART03 (S/N DW250DT611595)
Component
Center Left Final Drive
Fluid
APRIL SUPERFLO MULTIGRADE GEAR FLUID 80W90 (--- 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		ASF0000296	WC0523664	---
Sample Date		Client Info		10 Apr 2024	21 Oct 2021	---
Machine Age	hrs	Client Info		14526	11320	---
Oil Age	hrs	Client Info		995	2000	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>750	20	44	---
Chromium	ppm	ASTM D5185(m)	>9	0	<1	---
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>40	<1	2	---
Lead	ppm	ASTM D5185(m)	>15	0	<1	---
Copper	ppm	ASTM D5185(m)	>40	3	9	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

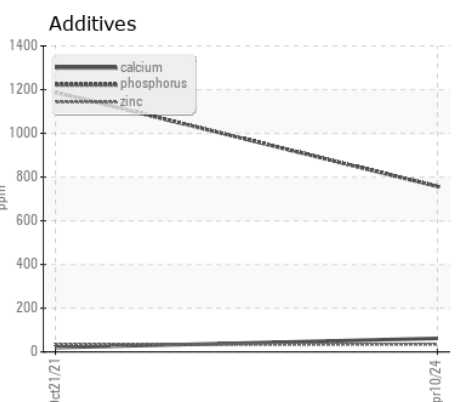
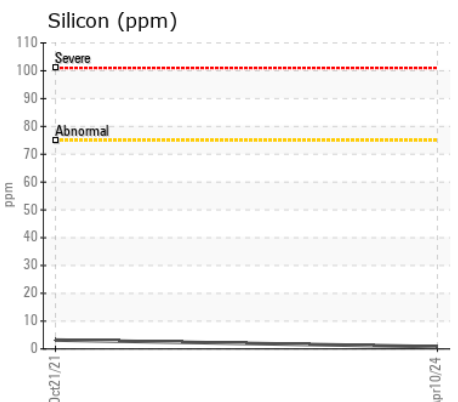
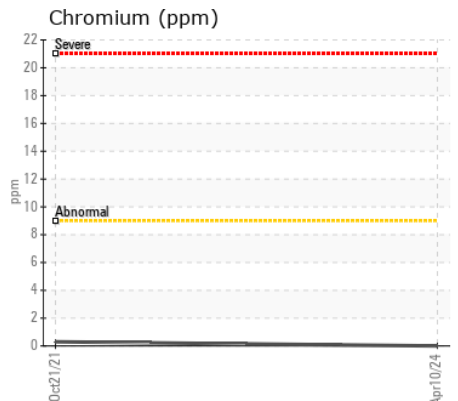
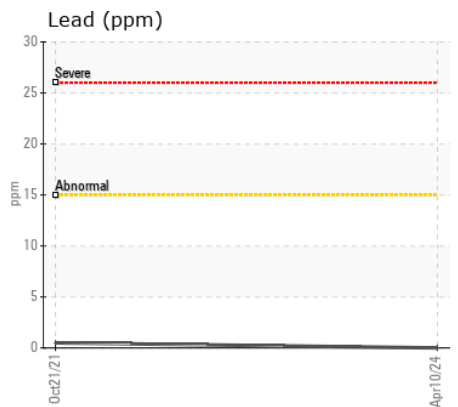
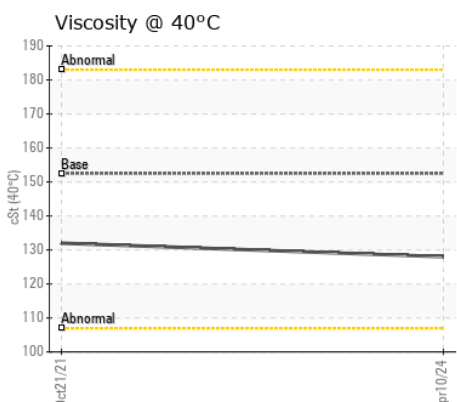
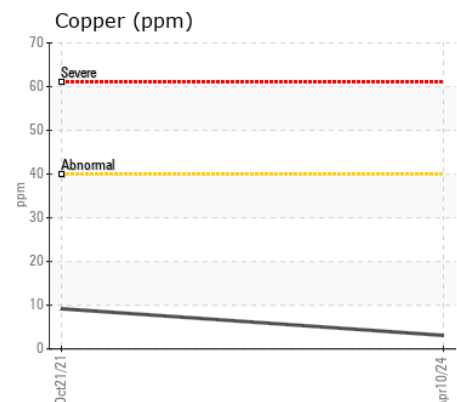
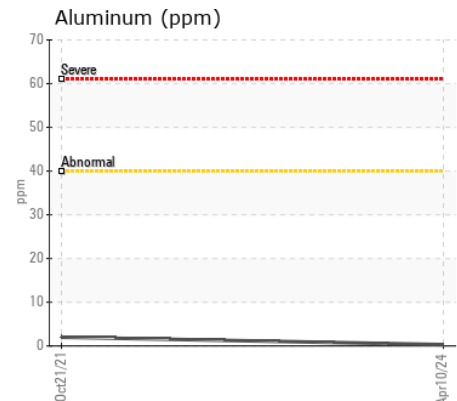
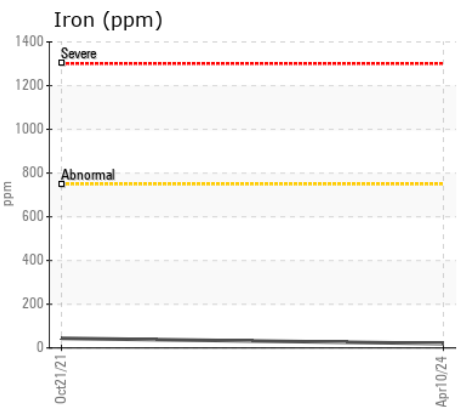
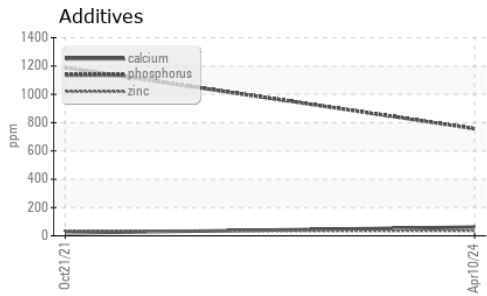
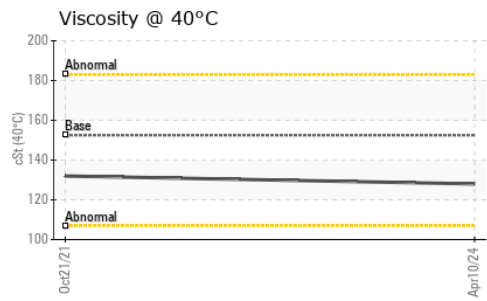
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	<1	3	---
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	LIGHT	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.075	NEG	NEG	---

FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)	>51	3	0	---
Boron	ppm	ASTM D5185(m)		7	50	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)		5	9	---
Manganese	ppm	ASTM D5185(m)		<1	<1	---
Magnesium	ppm	ASTM D5185(m)		6	5	---
Calcium	ppm	ASTM D5185(m)		62	20	---
Phosphorus	ppm	ASTM D5185(m)		757	1188	---
Zinc	ppm	ASTM D5185(m)		35	33	---
Sulfur	ppm	ASTM D5185(m)		14478	15548	---
Visc @ 40°C	cSt	ASTM D7279(m)	152.5	128	132	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ASF0000296 **Received** : 22 Apr 2024
Lab Number : **02630732** **Tested** : 22 Apr 2024
Unique Number : 5763864 **Diagnosed** : 22 Apr 2024 - Wes Davis
Test Package : MOB 1

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.

April Super Flo
 9 rue Beland
 L'Isle-Verte, QC
 CA G0L 1K0
 Contact: Michel Jalbert
 mjalbert@aprilsuperflo.com
 T:
 F: (418)898-2192