



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 650K 1T0650KKCJF334869
 Component
Left Final Drive
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

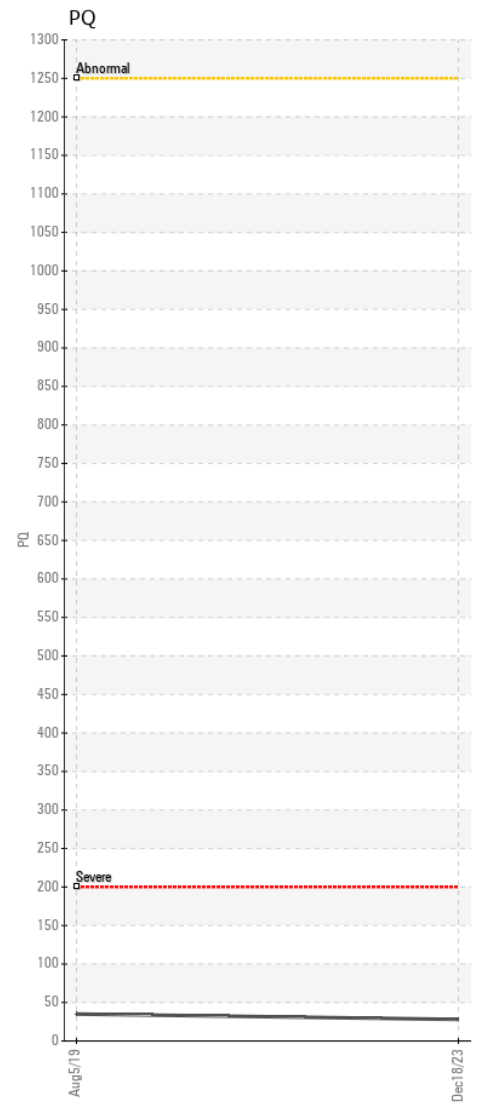
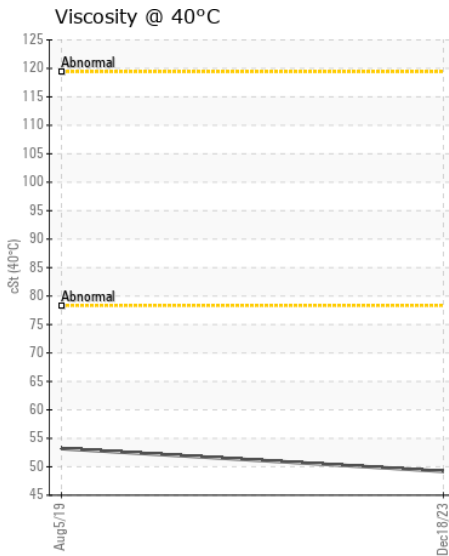
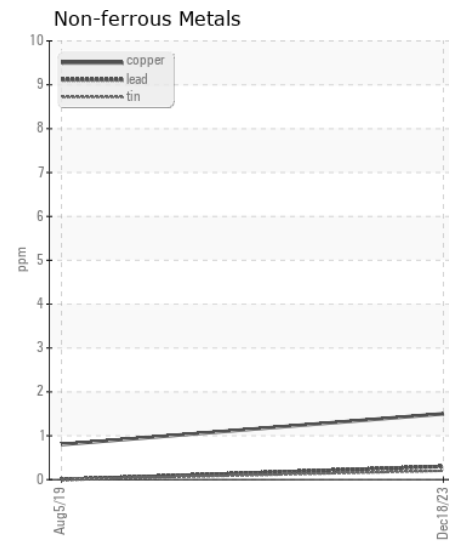
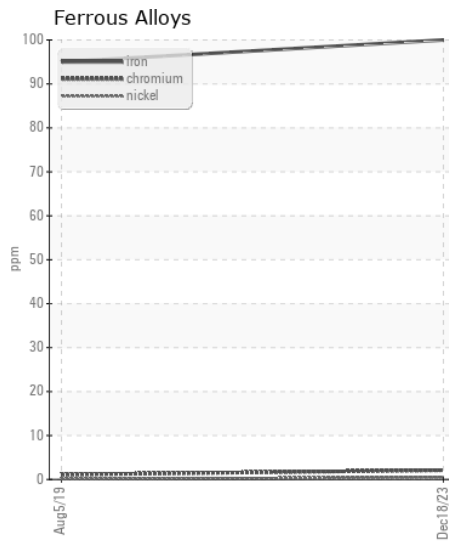
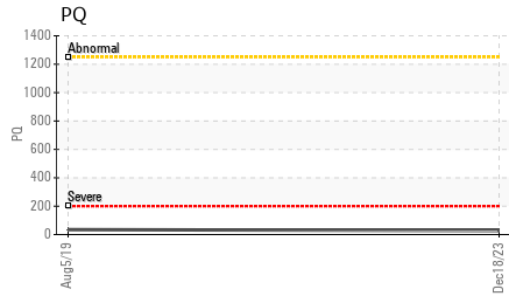
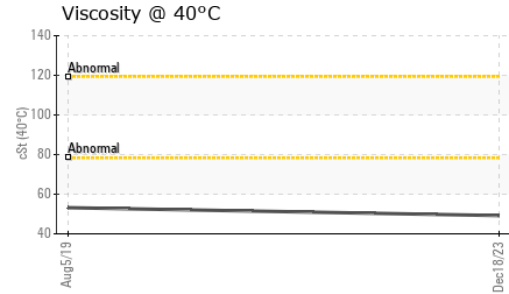
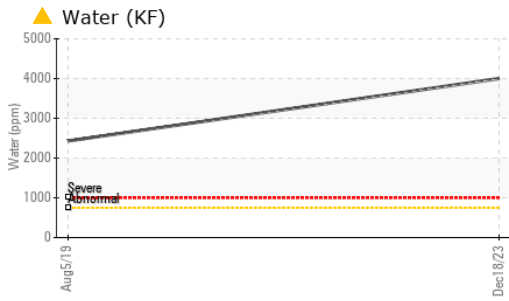
CONTAMINATION

There is a moderate concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0199435	JR0022201	---
Sample Date		Client Info		18 Dec 2023	05 Aug 2019	---
Machine Age	hrs	Client Info		4065	611	---
Oil Age	hrs	Client Info		0	611	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	ABNORMAL	---
PQ		ASTM D8184	>1250	28	35	---
Iron	ppm	ASTM D5185m	>750	100	95	---
Chromium	ppm	ASTM D5185m	>9	2	1	---
Nickel	ppm	ASTM D5185m	>10	<1	<1	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	2	2	---
Lead	ppm	ASTM D5185m	>15	<1	0	---
Copper	ppm	ASTM D5185m	>40	2	<1	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	13	23	---
Potassium	ppm	ASTM D5185m	>20	20	13	---
Water	%	ASTM D6304	>0.075	▲ 0.400	▲ 0.243	---
ppm Water	ppm	ASTM D6304	>750	▲ 4000	▲ 2430	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	▲ MODER	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	▲ 0.2%	▲ 0.2%	---
Sodium	ppm	ASTM D5185m	>51	<1	5	---
Boron	ppm	ASTM D5185m		4	8	---
Barium	ppm	ASTM D5185m		8	0	---
Molybdenum	ppm	ASTM D5185m		2	<1	---
Manganese	ppm	ASTM D5185m		5	4	---
Magnesium	ppm	ASTM D5185m		102	93	---
Calcium	ppm	ASTM D5185m		3579	3413	---
Phosphorus	ppm	ASTM D5185m		1005	989	---
Zinc	ppm	ASTM D5185m		1293	1221	---
Sulfur	ppm	ASTM D5185m		4393	5963	---
Visc @ 40°C	cSt	ASTM D445		49.2	53.2	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0199435 **Received** : 08 Jan 2024
Lab Number : 06054274 **Diagnosed** : 10 Jan 2024
Unique Number : 10820223 **Diagnostician** : Jonathan Hester
Test Package : CONST (Additional Tests: KF, PQ)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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