



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 4 - Fairmont [RO# 151949]
Machine Id
JOHN DEERE 700K 1T0700KXKEE268175
Component
Transmission
Fluid
JOHN DEERE HYDRAU (18 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0050927	LEC0017414	---
Sample Date		Client Info		14 Jun 2024	09 Nov 2020	---
Machine Age	hrs	Client Info		3850	2802	---
Oil Age	hrs	Client Info		3850	2802	---
Filter Age	hrs	Client Info		1048	2802	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	15	16	---
Iron	ppm	ASTM D5185m	>61	7	6	---
Chromium	ppm	ASTM D5185m	>10	<1	<1	---
Nickel	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>20	1	0	---
Lead	ppm	ASTM D5185m	>9	3	3	---
Copper	ppm	ASTM D5185m	>100	16	11	---
Tin	ppm	ASTM D5185m	>3	0	<1	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

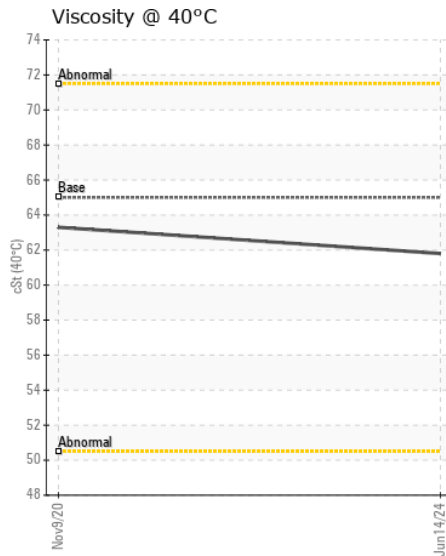
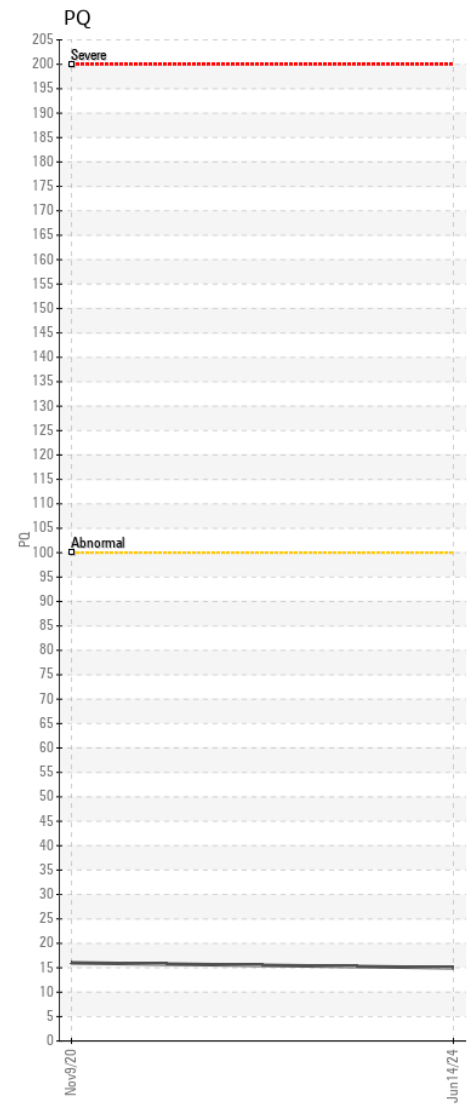
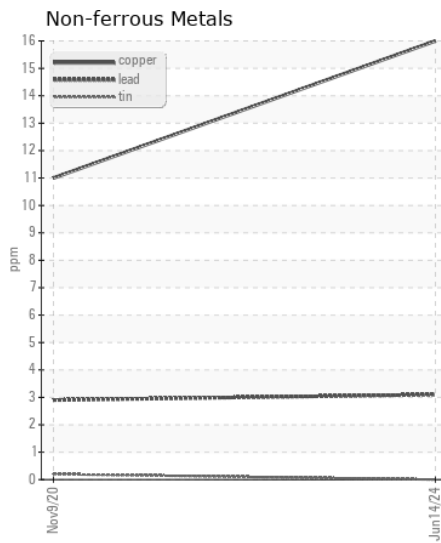
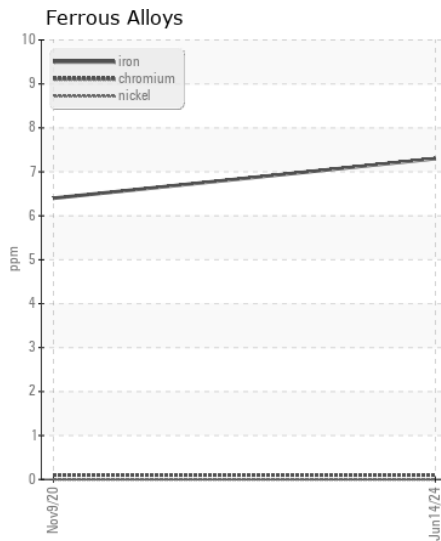
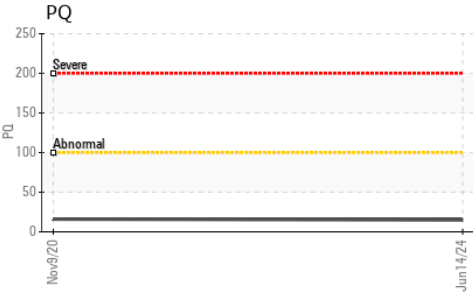
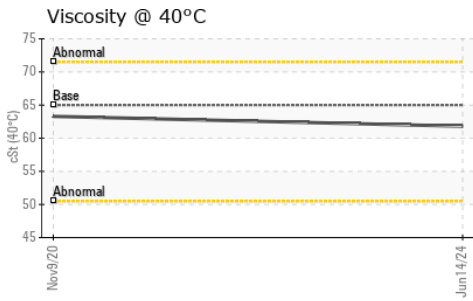
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>21	7	6	---
Potassium	ppm	ASTM D5185m	>20	2	2	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	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

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

Sodium	ppm	ASTM D5185m	>30	4	0	---
Boron	ppm	ASTM D5185m		20	28	---
Barium	ppm	ASTM D5185m		<1	<1	---
Molybdenum	ppm	ASTM D5185m		28	28	---
Manganese	ppm	ASTM D5185m		<1	<1	---
Magnesium	ppm	ASTM D5185m		502	465	---
Calcium	ppm	ASTM D5185m	87	1954	1636	---
Phosphorus	ppm	ASTM D5185m	727	1122	1029	---
Zinc	ppm	ASTM D5185m	900	1262	1153	---
Sulfur	ppm	ASTM D5185m	1500	4109	2893	---
Visc @ 40°C	cSt	ASTM D445	65	61.8	63.3	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0050927 **Received** : 21 Jun 2024
Lab Number : 06217055 **Tested** : 24 Jun 2024
Unique Number : 11089919 **Diagnosed** : 24 Jun 2024 - Sean Felton
Test Package : CONST (Additional Tests: 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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