



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 4 - Fairmont
Machine Id
JOHN DEERE 850K 1T0850KXCDE246953
Component
Left Inner Final Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (4 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry updates.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0014004	LECP141558	---
Sample Date		Client Info		06 Aug 2020	17 Sep 2014	---
Machine Age	hrs	Client Info		5933	532	---
Oil Age	hrs	Client Info		1000	532	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	405	36.0	---
Iron	ppm	ASTM D5185m	>750	533	112	---
Chromium	ppm	ASTM D5185m	>9	4	2	---
Nickel	ppm	ASTM D5185m		2	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>40	8	2	---
Lead	ppm	ASTM D5185m	>15	<1	2	---
Copper	ppm	ASTM D5185m	>40	2	<1	---
Tin	ppm	ASTM D5185m		<1	0	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

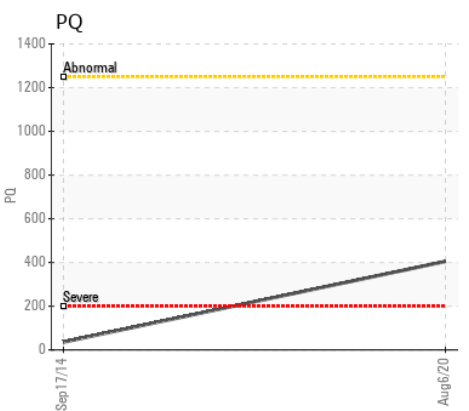
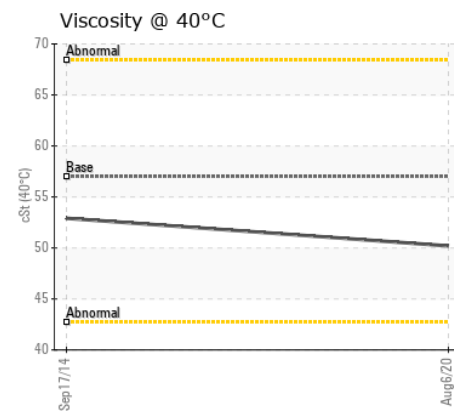
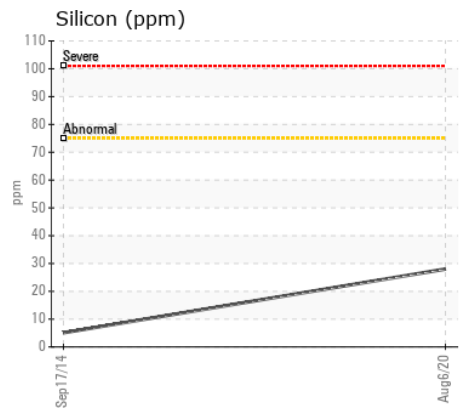
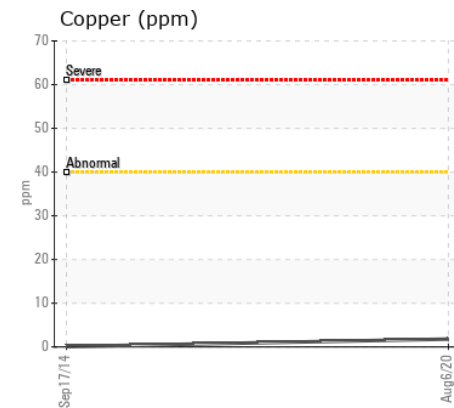
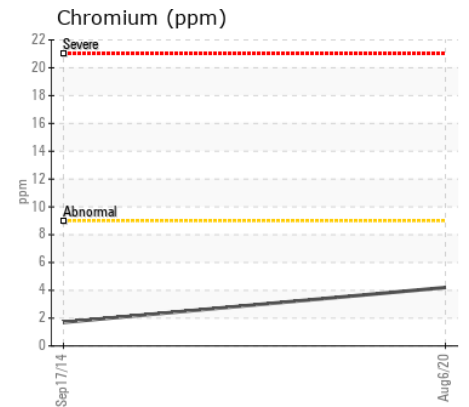
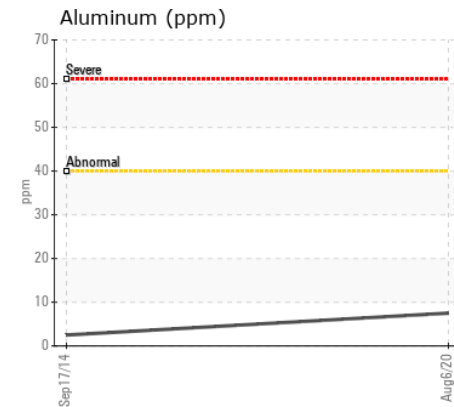
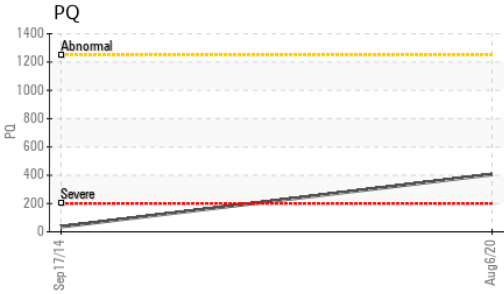
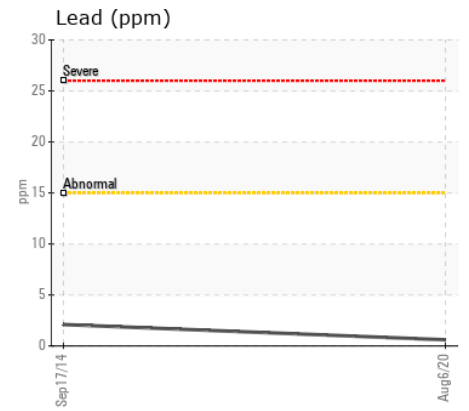
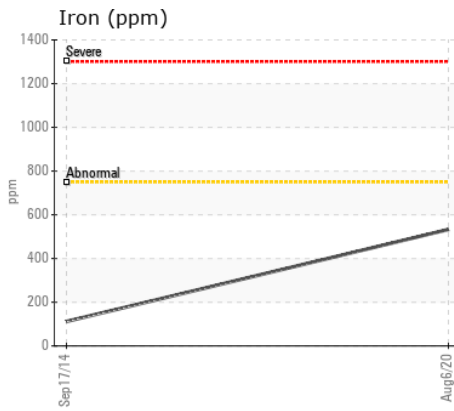
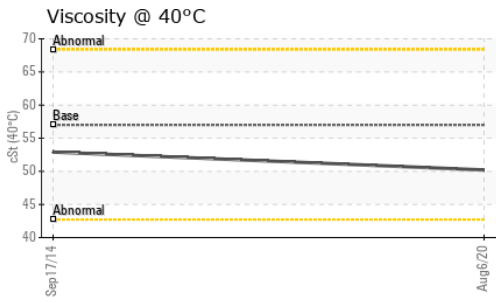
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	28	5	---
Potassium	ppm	ASTM D5185m	>20	4	<1	---
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 oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	3	1	---
Boron	ppm	ASTM D5185m	6	4	1	---
Barium	ppm	ASTM D5185m	0	0	0	---
Molybdenum	ppm	ASTM D5185m	0	0	1	---
Manganese	ppm	ASTM D5185m		5	<1	---
Magnesium	ppm	ASTM D5185m	145	93	112	---
Calcium	ppm	ASTM D5185m	3570	3550	3787	---
Phosphorus	ppm	ASTM D5185m	1290	1041	1090	---
Zinc	ppm	ASTM D5185m	1640	1128	1415	---
Sulfur	ppm	ASTM D5185m		4272	0	---
Visc @ 40°C	cSt	ASTM D445	57.0	50.2	52.91	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0014004 **Received** : 10 Aug 2020
Lab Number : 05040278 **Diagnosed** : 08 Jan 2024
Unique Number : 9130448 **Diagnostician** : Doug Bogart
Test Package : MOBCE (Additional Tests: PQ)

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 MARIETTA, OH
 US 45750-9765
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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)