



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 624K 128 (S/N 688900)
 Component
Hydraulic System
 Fluid
MOBIL 10W (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JRMC454538	JRMC451494	---
Sample Date		Client Info		10 Apr 2019	22 Feb 2019	---
Machine Age	hrs	Client Info		1500	1012	---
Oil Age	hrs	Client Info		1500	1012	---
Filter Age	hrs	Client Info		1500	1012	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>50	13	14	---
Iron	ppm	ASTM D5185m	>71	6	6	---
Chromium	ppm	ASTM D5185m	>11	4	4	---
Nickel	ppm	ASTM D5185m	>6	0	<1	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>11	<1	0	---
Lead	ppm	ASTM D5185m	>13	<1	0	---
Copper	ppm	ASTM D5185m	>21	<1	<1	---
Tin	ppm	ASTM D5185m	>5	0	2	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	VLITE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

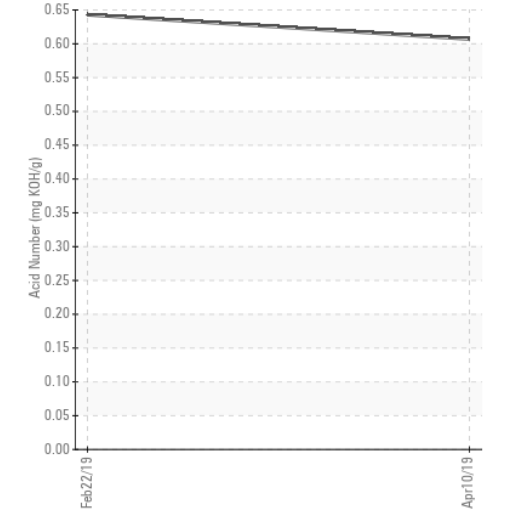
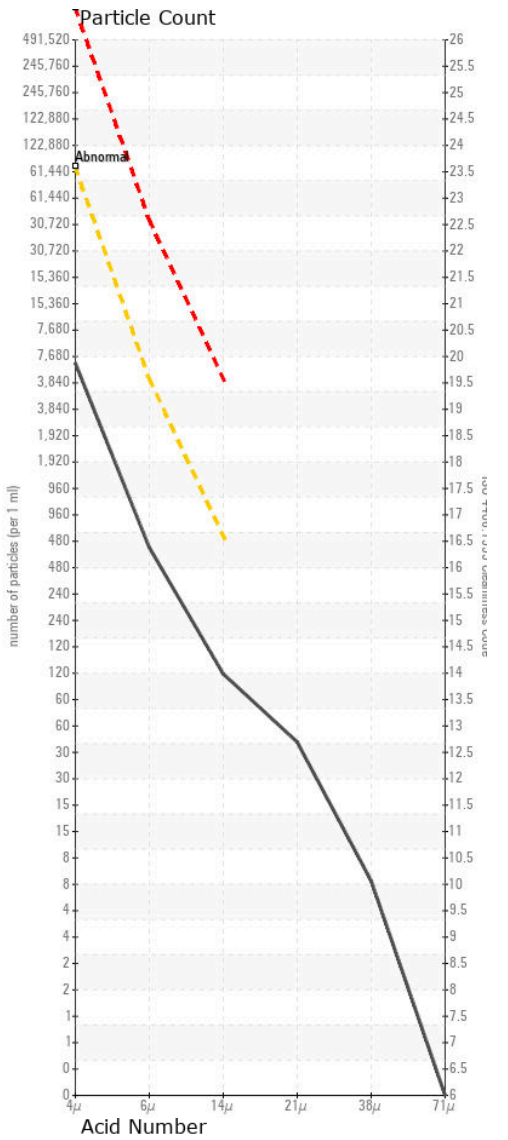
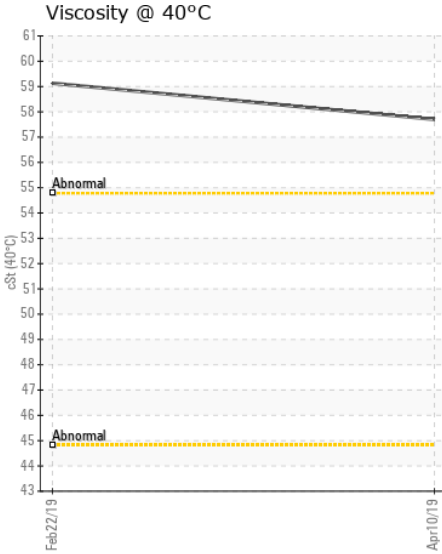
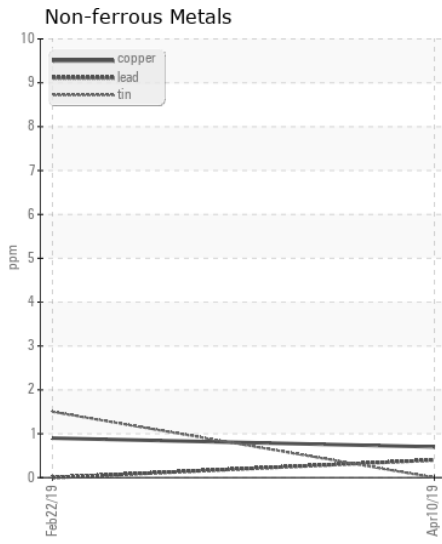
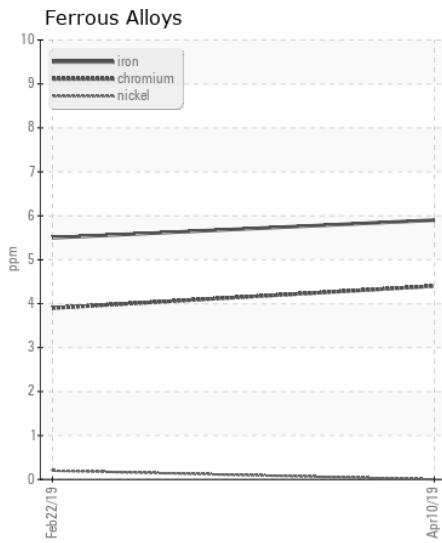
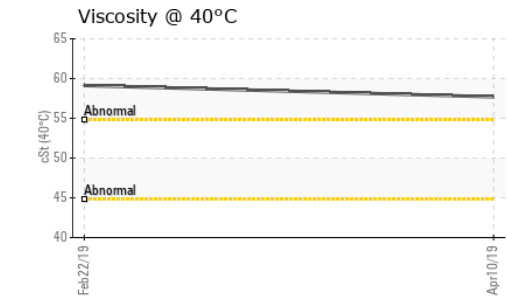
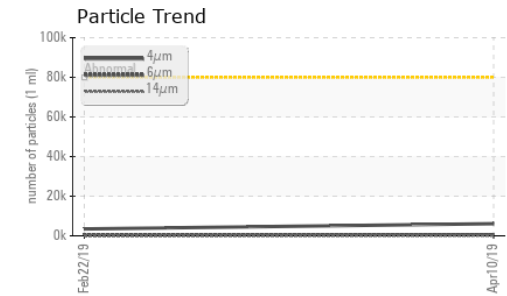
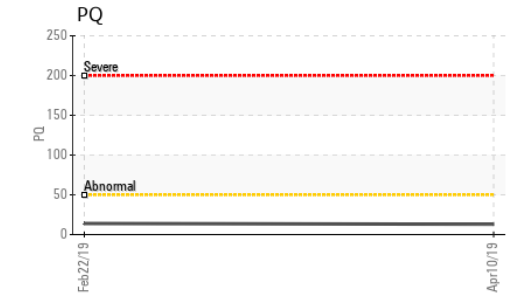
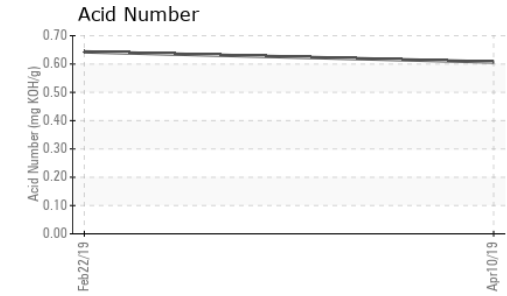
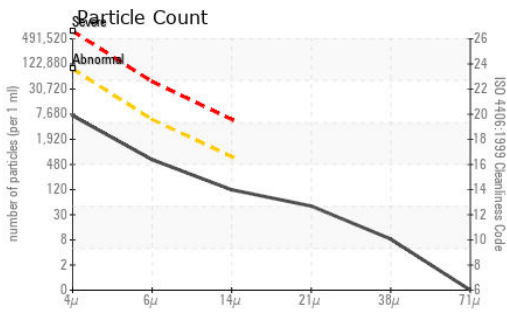
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Silicon	ppm	ASTM D5185m	>24	1	<1	---
Potassium	ppm	ASTM D5185m	>20	2	2	---
Water		WC Method	>0.075	NEG	NEG	---
Particles >4µm		ASTM D7647	>80000	6135	3478	---
Particles >6µm		ASTM D7647	>5000	549	309	---
Particles >14µm		ASTM D7647	>640	105	23	---
Particles >21µm		ASTM D7647	>160	43	7	---
Particles >38µm		ASTM D7647	>40	7	1	---
Particles >71µm		ASTM D7647	>10	0	0	---
Oil Cleanliness		ISO 4406 (c)	>23/19/16	20/16/14	19/15/12	---
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

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>21	2	2	---
Boron	ppm	ASTM D5185m		4	<1	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		<1	<1	---
Manganese	ppm	ASTM D5185m		0	<1	---
Magnesium	ppm	ASTM D5185m		6	0	---
Calcium	ppm	ASTM D5185m		228	74	---
Phosphorus	ppm	ASTM D5185m		543	520	---
Zinc	ppm	ASTM D5185m		718	745	---
Sulfur	ppm	ASTM D5185m		2278	1365	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.607	0.643	---
Visc @ 40°C	cSt	ASTM D445		57.7	59.13	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JRMC454538 **Received** : 30 Apr 2019
Lab Number : 04702838 **Tested** : 01 May 2019
Unique Number : 8579360 **Diagnosed** : 01 May 2019 - Jonathan Hester
Test Package : MOB 2 (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)

THE SCOTTS COMPANY
 3175 BRIGHT LEAF RD
 LAWRENCEVILLE, VA
 US 23868
 Contact: REX WATSON

T: (434)848-2727

F: (434)848-2250