



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 750J 6X25 (S/N T0750JX130818)
 Component
Hydraulic System
 Fluid
JOHN DEERE HYDRAU (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0197060	JR0141077	---
Sample Date		Client Info		12 Jul 2024	07 Jul 2023	---
Machine Age	hrs	Client Info		1823	1725	---
Oil Age	hrs	Client Info		1409	1325	---
Filter Age	hrs	Client Info		1598	0	---
Oil Changed		Client Info		Not Chngd	Not Chngd	---
Filter Changed		Client Info		Not Chngd	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>50	19	14	---
Iron	ppm	ASTM D5185m	>23	5	4	---
Chromium	ppm	ASTM D5185m	>9	<1	0	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>9	1	<1	---
Lead	ppm	ASTM D5185m	>28	0	0	---
Copper	ppm	ASTM D5185m	>51	8	7	---
Tin	ppm	ASTM D5185m	>5	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

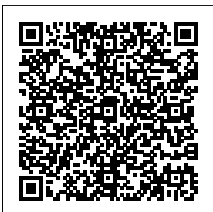
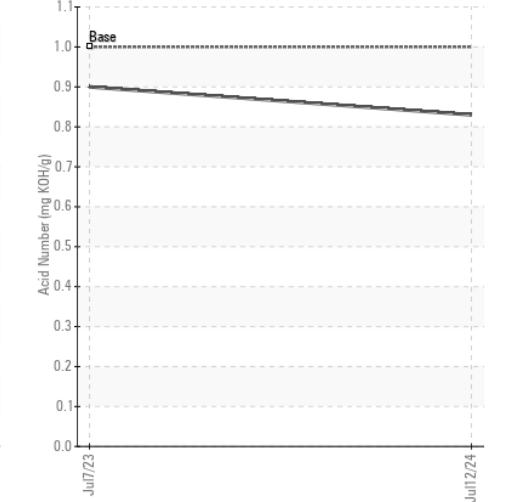
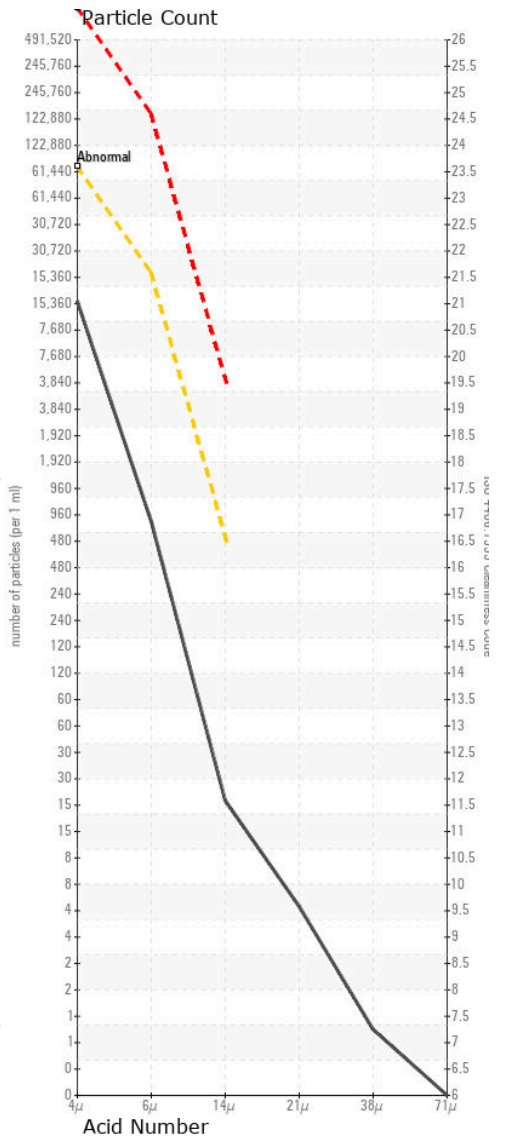
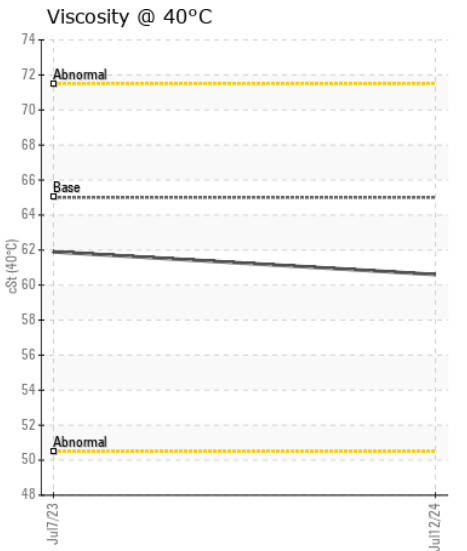
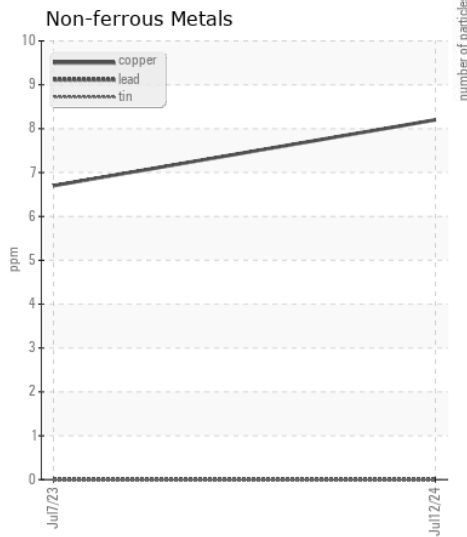
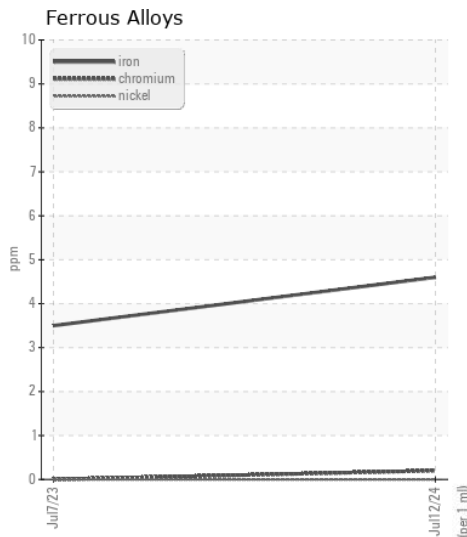
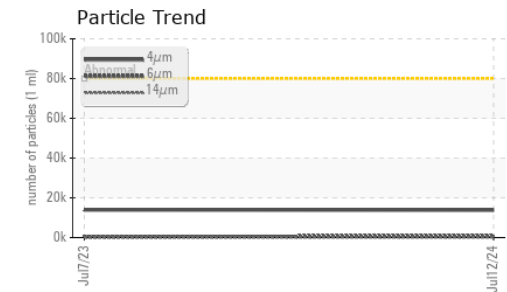
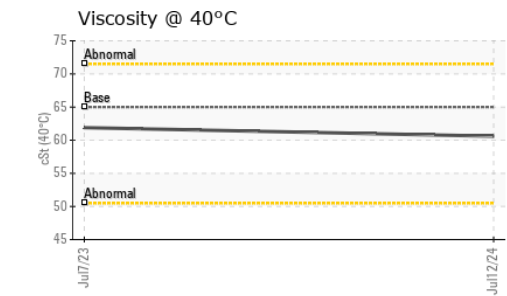
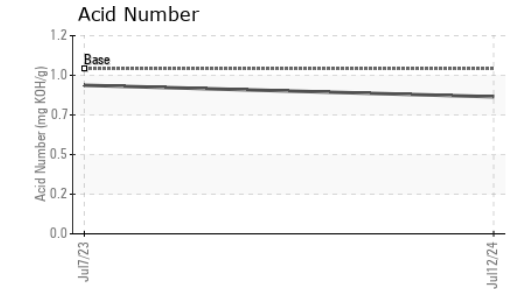
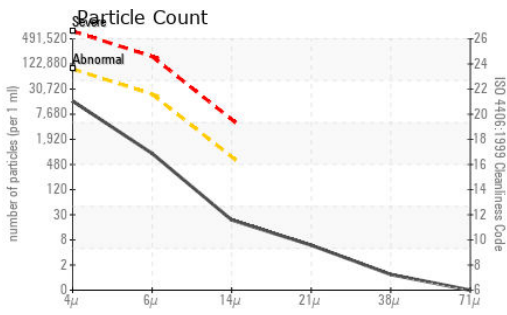
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Silicon	ppm	ASTM D5185m	>31	4	3	---
Potassium	ppm	ASTM D5185m	>20	0	1	---
Water		WC Method	>0.075	NEG	NEG	---
Particles >4µm		ASTM D7647	>80000	13797	13889	---
Particles >6µm		ASTM D7647	>20000	771	388	---
Particles >14µm		ASTM D7647	>640	20	19	---
Particles >21µm		ASTM D7647	>160	5	5	---
Particles >38µm		ASTM D7647	>40	1	0	---
Particles >71µm		ASTM D7647	>10	0	0	---
Oil Cleanliness		ISO 4406 (c)	>23/21/16	21/17/11	21/16/11	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
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	<1	---
Boron	ppm	ASTM D5185m		16	33	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		21	21	---
Manganese	ppm	ASTM D5185m		0	0	---
Magnesium	ppm	ASTM D5185m		68	70	---
Calcium	ppm	ASTM D5185m	87	568	586	---
Phosphorus	ppm	ASTM D5185m	727	702	643	---
Zinc	ppm	ASTM D5185m	900	816	863	---
Sulfur	ppm	ASTM D5185m	1500	2465	2599	---
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.83	0.90	---
Visc @ 40°C	cSt	ASTM D445	65	60.6	61.9	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : JR0197060 Received : 16 Jul 2024
 Lab Number : 06237666 Tested : 17 Jul 2024
 Unique Number : 11126500 Diagnosed : 18 Jul 2024 - Don Baldrige
 Test Package : MOBCE (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)

NC FOREST SERVICE
 221 AIRPORT RD
 FAYETTEVILLE, NC
 US 28306

Contact: WALTER CAPPS
 WATER.CAPPS@NCAGR.GOV

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