



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[A35681]

Machine Id
JOHN DEERE 750L 1T0750LXLNF432235

Component
Hydraulic System

Fluid
JOHN DEERE HYDRAU (30 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: A35681)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0007628	WE0005593	---
Sample Date		Client Info		17 Jun 2024	01 Sep 2023	---
Machine Age	hrs	Client Info		955	495	---
Oil Age	hrs	Client Info		955	495	---
Filter Age	hrs	Client Info		955	495	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		None	Not Changd	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185m	>20	3	1	---
Chromium	ppm	ASTM D5185m	>10	1	<1	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>10	2	<1	---
Lead	ppm	ASTM D5185m	>10	0	0	---
Copper	ppm	ASTM D5185m	>75	2	1	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

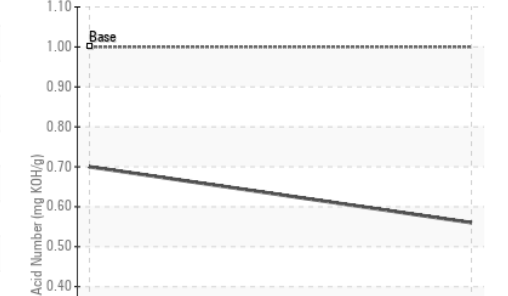
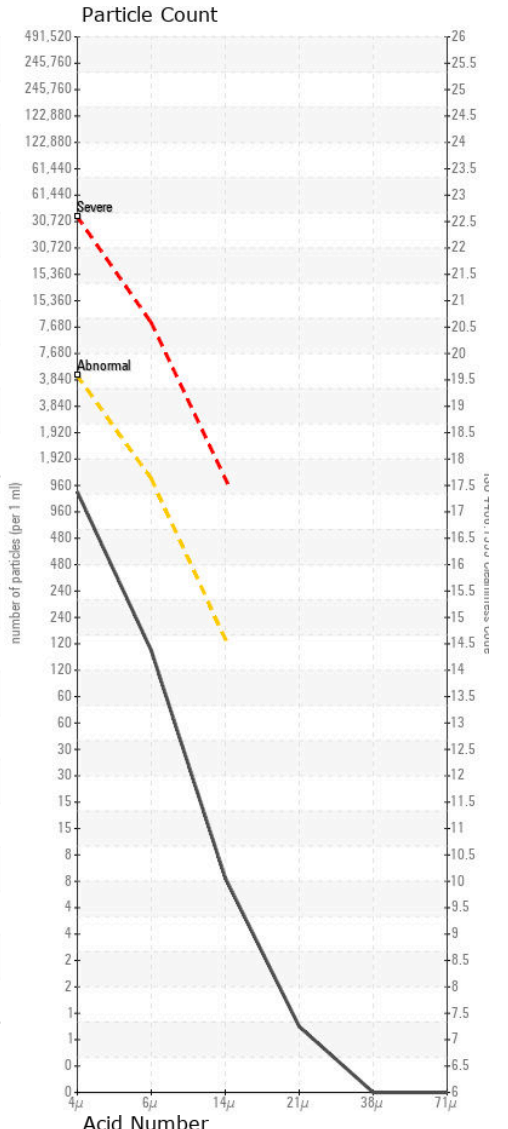
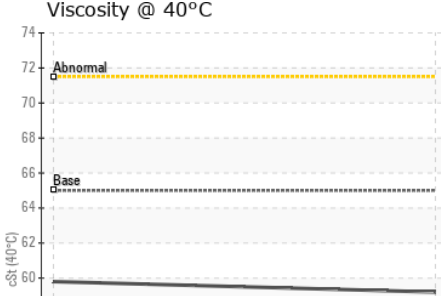
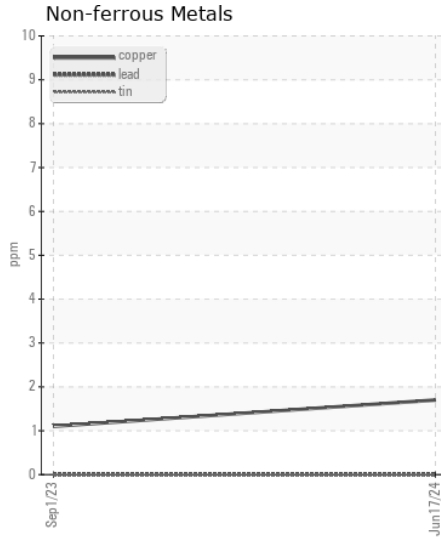
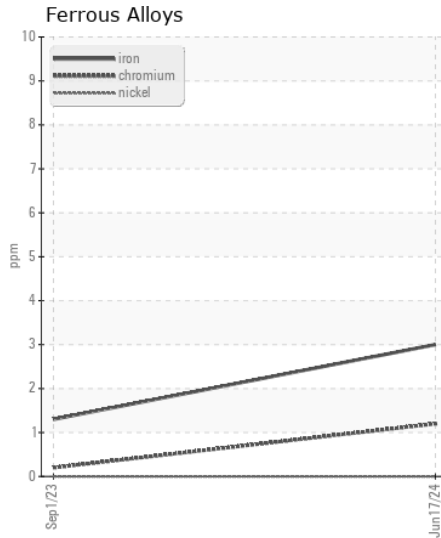
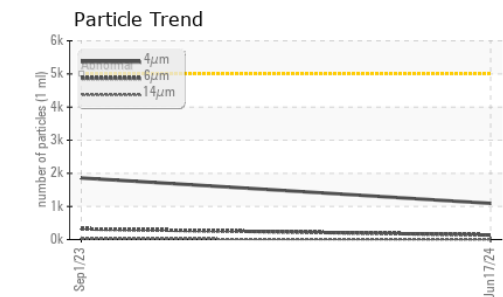
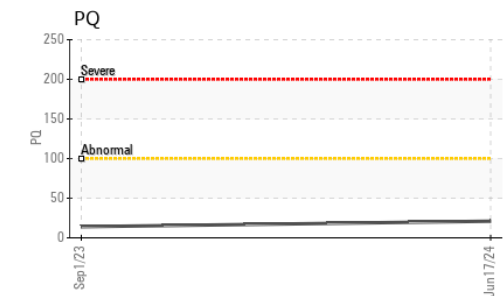
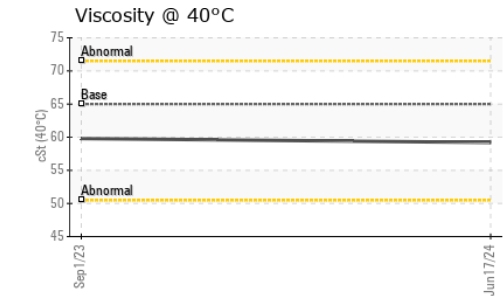
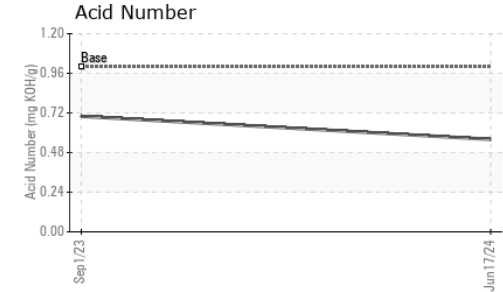
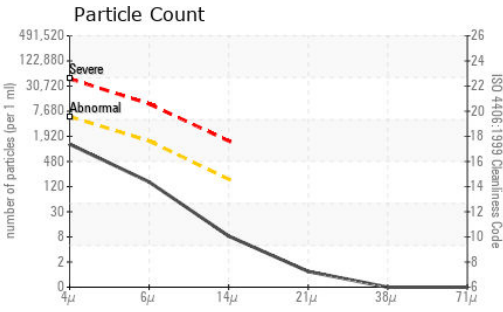
The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>20	2	1	---
Potassium	ppm	ASTM D5185m	>20	3	<1	---
Water		WC Method	>0.1	NEG	NEG	---
Particles >4µm		ASTM D7647	>5000	1093	1860	---
Particles >6µm		ASTM D7647	>1300	137	322	---
Particles >14µm		ASTM D7647	>160	7	23	---
Particles >21µm		ASTM D7647	>40	1	8	---
Particles >38µm		ASTM D7647	>10	0	0	---
Particles >71µm		ASTM D7647	>3	0	0	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/14/10	18/16/12	---
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	>0.1	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		0	2	---
Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		<1	<1	---
Manganese	ppm	ASTM D5185m		0	0	---
Magnesium	ppm	ASTM D5185m		3	0	---
Calcium	ppm	ASTM D5185m	87	84	100	---
Phosphorus	ppm	ASTM D5185m	727	669	646	---
Zinc	ppm	ASTM D5185m	900	884	871	---
Sulfur	ppm	ASTM D5185m	1500	1655	1995	---
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.56	0.70	---
Visc @ 40°C	cSt	ASTM D445	65	59.2	59.8	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0007628 **Received** : 19 Jun 2024
Lab Number : 06214560 **Tested** : 20 Jun 2024
Unique Number : 11087424 **Diagnosed** : 21 Jun 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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 MADISON, AL
 US 35756
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 T:
 F:

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)