



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
{unassigned}
Machine Id
JOHN DEERE 250G 1FF250GXCKF611322
Component
Swing Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0051421	LEC0050171	LEC0043126
Sample Date		Client Info		13 Jun 2024	15 May 2024	05 Jul 2023
Machine Age	hrs	Client Info		3395	3350	2878
Oil Age	hrs	Client Info		45	1093	621
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		N/A	None	None
Sample Status				NORMAL	SEVERE	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		26	96	55
Iron	ppm	ASTM D5185m	>151	24	▲ 1241	88
Chromium	ppm	ASTM D5185m	>11	<1	8	1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>21	2	2	<1
Lead	ppm	ASTM D5185m	>51	0	▲ 88	0
Copper	ppm	ASTM D5185m	>51	0	▲ 2069	0
Tin	ppm	ASTM D5185m	>10	0	▲ 267	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

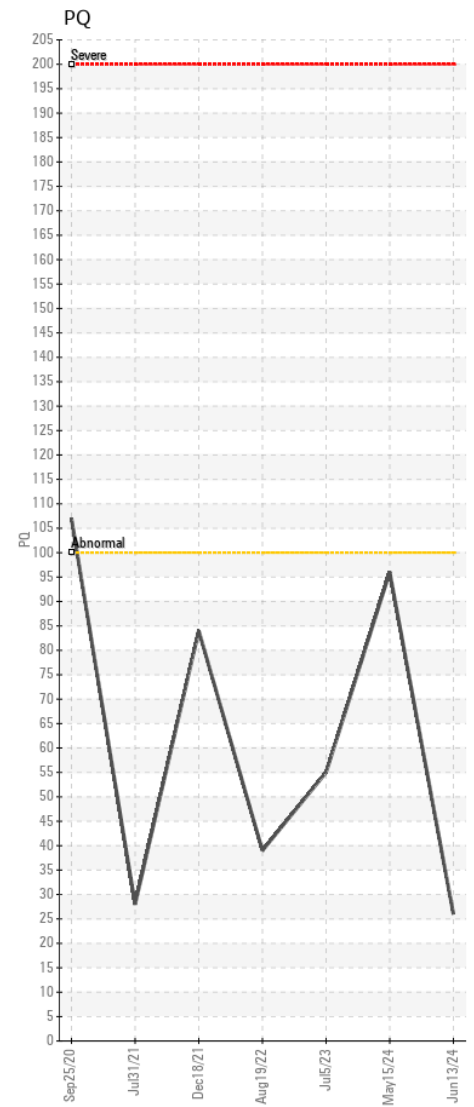
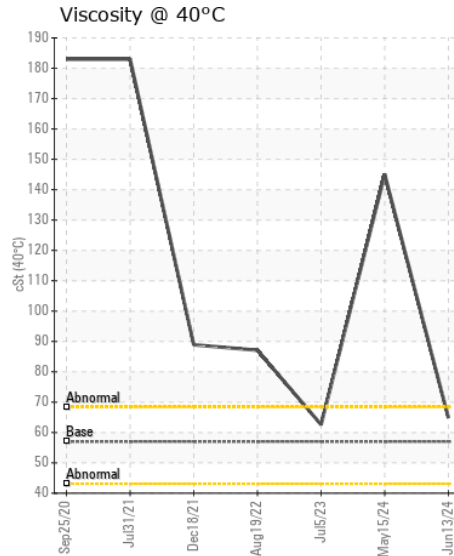
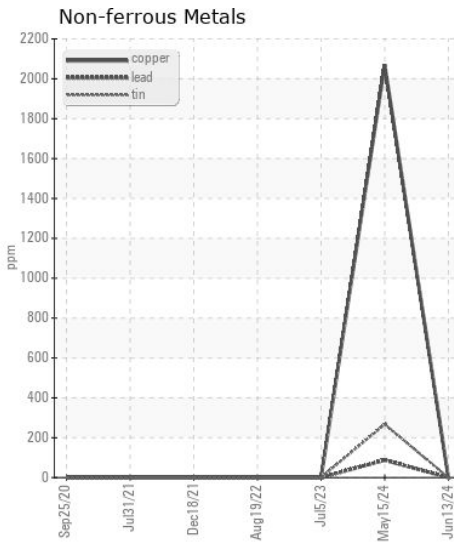
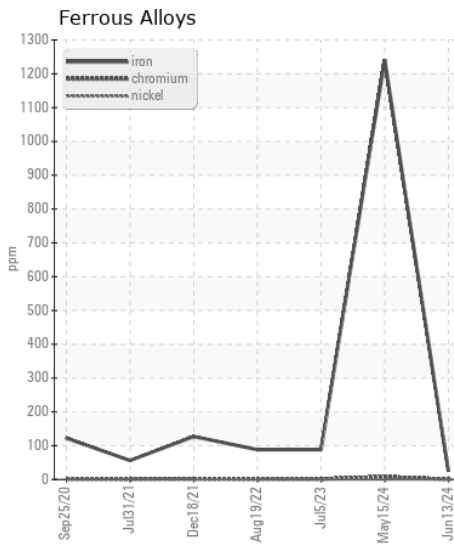
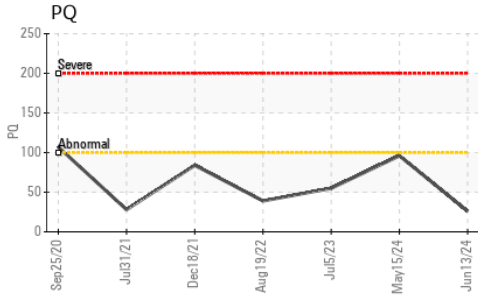
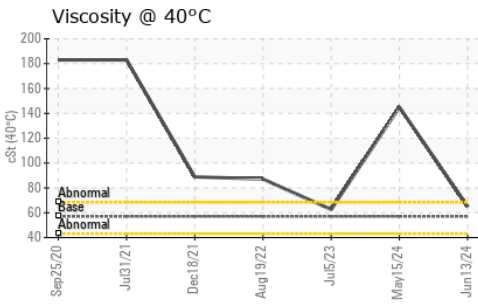
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>31	7	27	15
Potassium	ppm	ASTM D5185m	>20	1	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>51	0	<1	<1
Boron	ppm	ASTM D5185m	6	38	0	15
Barium	ppm	ASTM D5185m	0	0	<1	0
Molybdenum	ppm	ASTM D5185m	0	30	0	4
Manganese	ppm	ASTM D5185m		0	9	<1
Magnesium	ppm	ASTM D5185m	145	181	3	104
Calcium	ppm	ASTM D5185m	3570	2922	62	3040
Phosphorus	ppm	ASTM D5185m	1290	960	319	930
Zinc	ppm	ASTM D5185m	1640	1159	71	1086
Sulfur	ppm	ASTM D5185m		3548	20363	4763
Visc @ 40°C	cSt	ASTM D445	57.0	64.9	▲ 145	62.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0051421 **Received** : 18 Jun 2024
Lab Number : 06213762 **Tested** : 20 Jun 2024
Unique Number : 11086626 **Diagnosed** : 20 Jun 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.com

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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