



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
{unassigned}
Machine Id
JOHN DEERE 250G 1FF250GXLLF611603
Component
Pump Drive
Fluid
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0037035	LEC0018480	LEC0024365
Sample Date		Client Info		23 Nov 2022	24 Nov 2021	12 Nov 2021
Machine Age	hrs	Client Info		1515	478	421
Oil Age	hrs	Client Info		1515	478	421
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		None	Not Changd	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		9	16	21
Iron	ppm	ASTM D5185m	>151	55	37	50
Chromium	ppm	ASTM D5185m	>11	1	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>21	6	<1	1
Lead	ppm	ASTM D5185m	>51	0	0	<1
Copper	ppm	ASTM D5185m	>51	<1	2	2
Tin	ppm	ASTM D5185m	>4	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	LIGHT	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

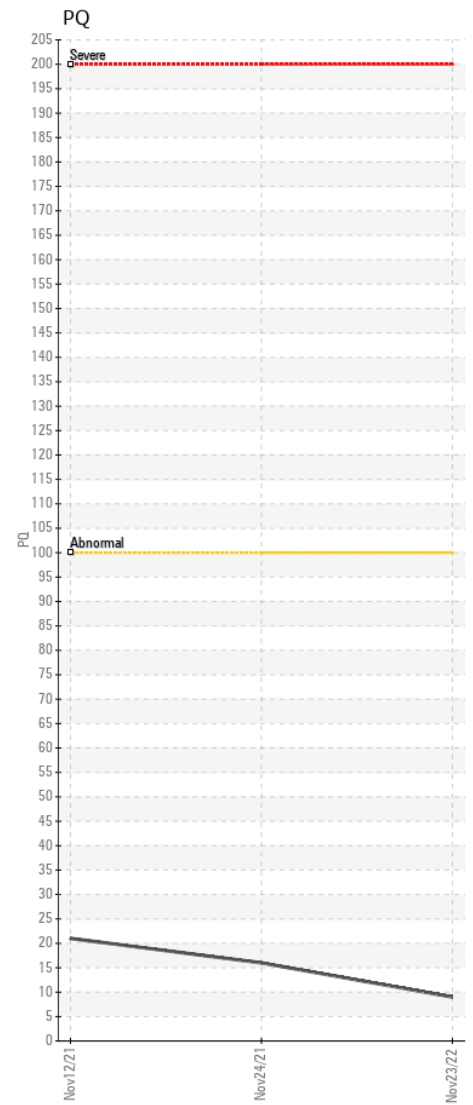
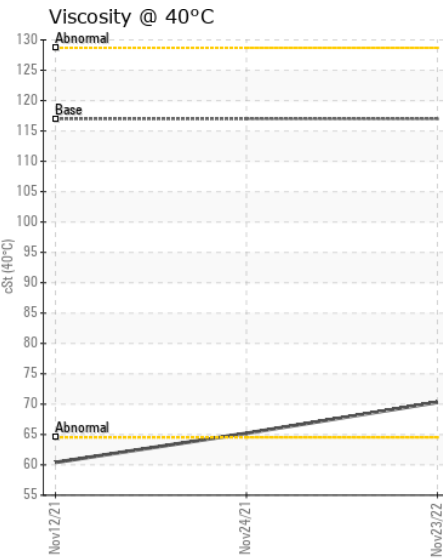
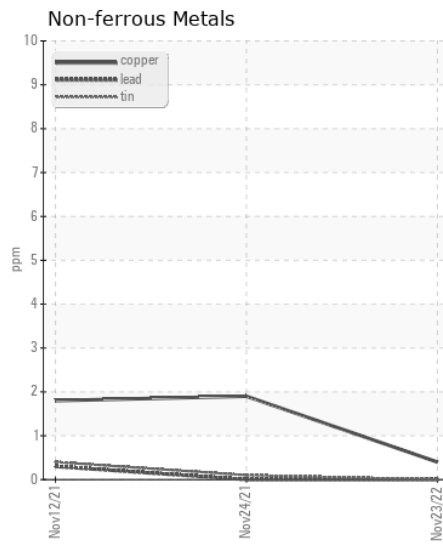
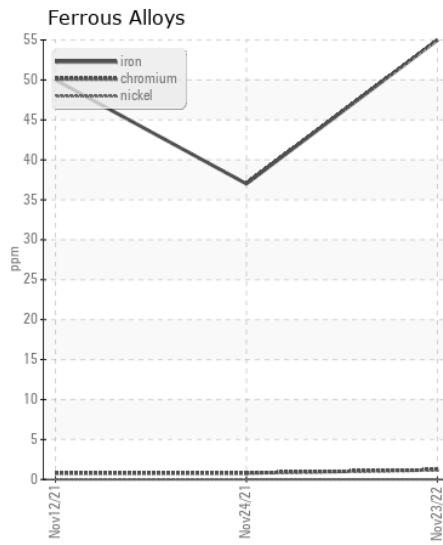
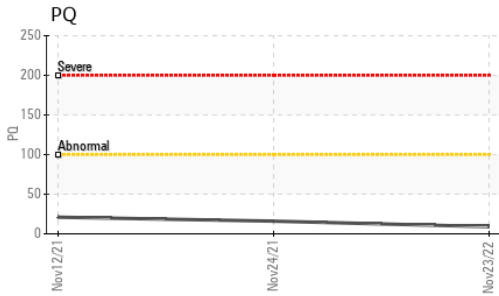
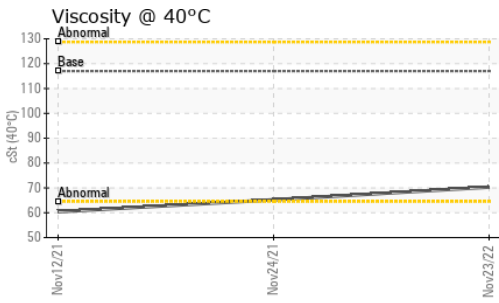
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>31	18	12	13
Potassium	ppm	ASTM D5185m	>20	2	<1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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 fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	2	4	3
Boron	ppm	ASTM D5185m		251	65	61
Barium	ppm	ASTM D5185m		0	0	1
Molybdenum	ppm	ASTM D5185m		231	107	107
Manganese	ppm	ASTM D5185m		1	2	2
Magnesium	ppm	ASTM D5185m		660	19	15
Calcium	ppm	ASTM D5185m		1937	4450	4031
Phosphorus	ppm	ASTM D5185m		990	1241	1111
Zinc	ppm	ASTM D5185m		1137	1302	1277
Sulfur	ppm	ASTM D5185m		4533	7473	7345
Visc @ 40°C	cSt	ASTM D445	117	70.3	65.2	60.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0037035 **Received** : 28 Nov 2022
Lab Number : 05703886 **Diagnosed** : 29 Nov 2022
Unique Number : 10233460 **Diagnostician** : Sean Felton
Test Package : CONST (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)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.com
 T:
 F: (740)373-5570