



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

Store 9 - Marietta [147805]

Machine Id

JOHN DEERE 210G 1FF210GXHKF527616

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		LEC0048101	LEC0042016	LEC0028459
Sample Date		Client Info		21 Feb 2024	17 Jul 2023	23 May 2022
Machine Age	hrs	Client Info		2945	2199	930
Oil Age	hrs	Client Info		746	1247	930
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		30	16	16
Iron	ppm	ASTM D5185m	>151	98	88	45
Chromium	ppm	ASTM D5185m	>11	1	2	<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	5	2
Lead	ppm	ASTM D5185m	>51	<1	0	<1
Copper	ppm	ASTM D5185m	>51	<1	<1	1
Tin	ppm	ASTM D5185m	>4	<1	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

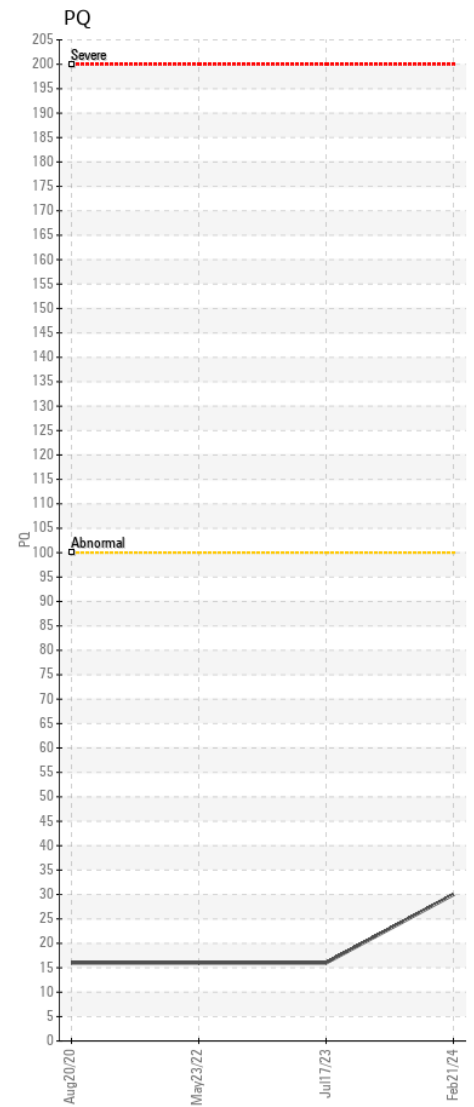
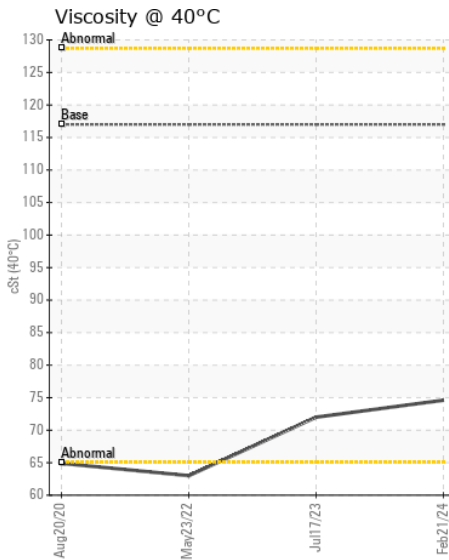
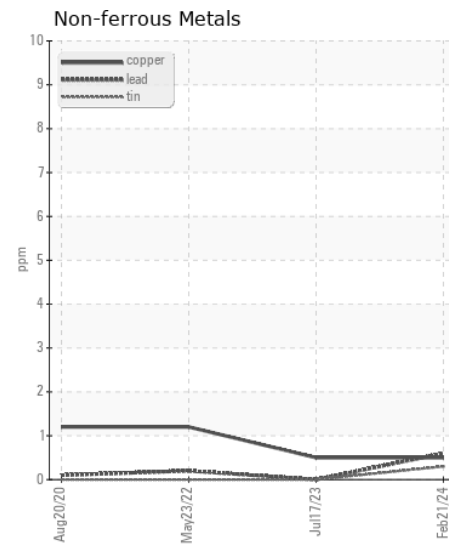
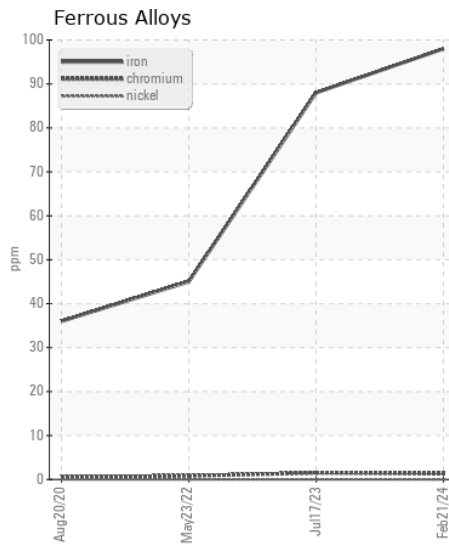
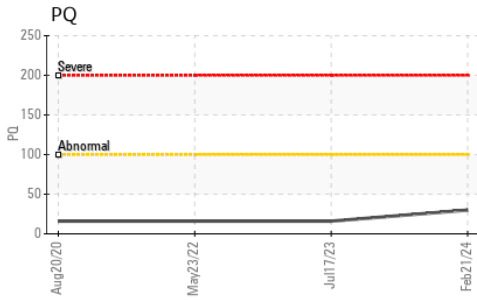
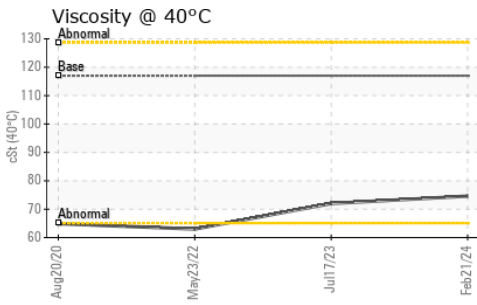
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	24	26	17
Potassium	ppm	ASTM D5185m	>20	2	<1	4
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.

Sodium	ppm	ASTM D5185m	>51	3	4	2
Boron	ppm	ASTM D5185m		287	268	71
Barium	ppm	ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		247	232	112
Manganese	ppm	ASTM D5185m		2	2	2
Magnesium	ppm	ASTM D5185m		729	701	15
Calcium	ppm	ASTM D5185m		1356	1699	4236
Phosphorus	ppm	ASTM D5185m		889	904	1218
Zinc	ppm	ASTM D5185m		968	1016	1344
Sulfur	ppm	ASTM D5185m		3406	4129	9797
Visc @ 40°C	cSt	ASTM D445	117	74.6	72.0	63.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0048101 **Received** : 23 Feb 2024
Lab Number : 06099433 **Tested** : 26 Feb 2024
Unique Number : 10897663 **Diagnosed** : 26 Feb 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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