



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 8 - Pikeville [152172]
Machine Id
JOHN DEERE 210G 1FF210GXHKF527549
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		LEC0046366	LEC0023633	LEC0006723
Sample Date		Client Info		20 Jun 2024	26 Aug 2021	22 Jan 2020
Machine Age	hrs	Client Info		2029	877	327
Oil Age	hrs	Client Info		1152	550	327
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ATTENTION

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		21	25	17
Iron	ppm	ASTM D5185m	>151	60	55	34
Chromium	ppm	ASTM D5185m	>11	1	1	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		<1	<1	<1
Aluminum	ppm	ASTM D5185m	>21	6	6	1
Lead	ppm	ASTM D5185m	>51	0	<1	<1
Copper	ppm	ASTM D5185m	>51	<1	2	2
Tin	ppm	ASTM D5185m	>4	0	<1	<1
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

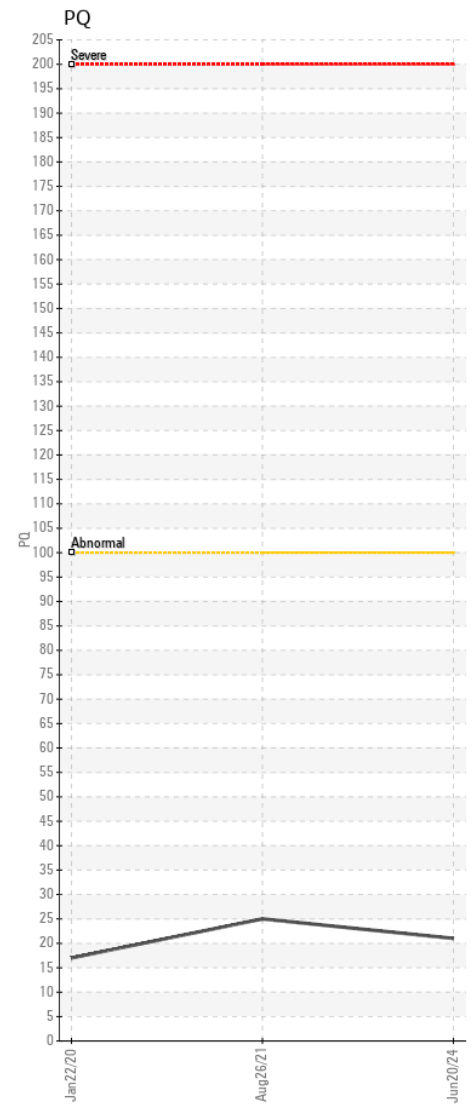
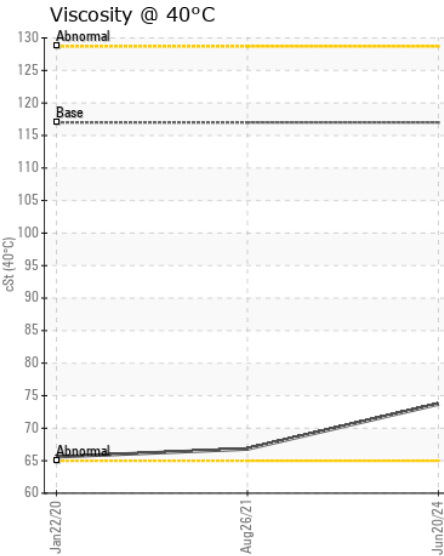
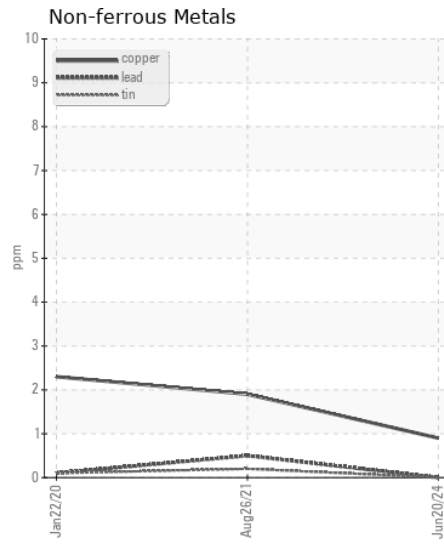
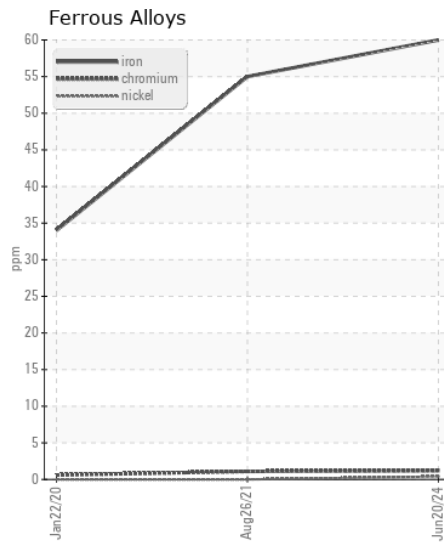
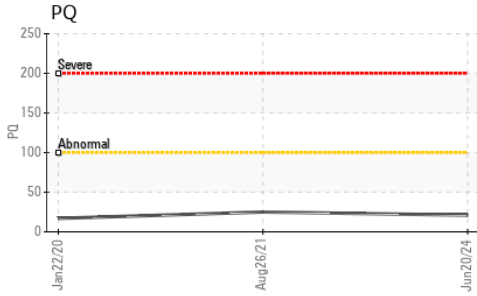
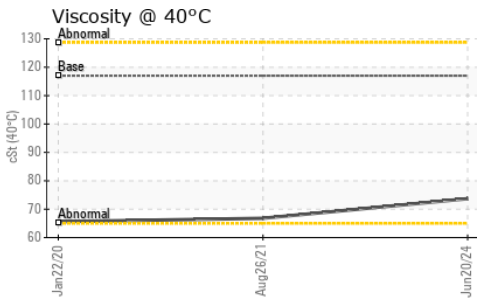
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	17	24	13
Potassium	ppm	ASTM D5185m	>20	3	2	3
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	6	<1
Boron	ppm	ASTM D5185m		280	193	61
Barium	ppm	ASTM D5185m		0	0	8
Molybdenum	ppm	ASTM D5185m		242	138	113
Manganese	ppm	ASTM D5185m		1	3	3
Magnesium	ppm	ASTM D5185m		770	186	16
Calcium	ppm	ASTM D5185m		1488	3858	4405
Phosphorus	ppm	ASTM D5185m		1021	1173	1243
Zinc	ppm	ASTM D5185m		1072	1307	1378
Sulfur	ppm	ASTM D5185m		3364	6389	7652
Visc @ 40°C	cSt	ASTM D445	117	73.7	66.8	65.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0046366 **Received** : 25 Jun 2024
Lab Number : 06220061 **Tested** : 26 Jun 2024
Unique Number : 11098258 **Diagnosed** : 26 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)

T:
 F: (740)373-5570