



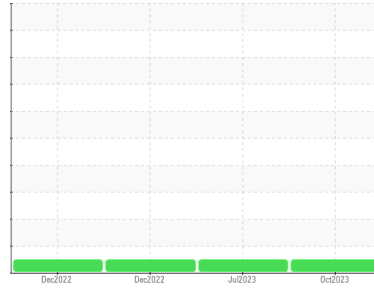
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
Store 8 - Pikeville
 Machine Id
JOHN DEERE 210G 1FF210GXCNF530286
 Component
Pump Drive
 Fluid
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 QTS)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		LEC0042790	LEC0041076	LEC0037837
Sample Date	Client Info		11 Oct 2023	13 Jul 2023	28 Dec 2022
Machine Age	hrs	Client Info	1570	1083	612
Oil Age	hrs	Client Info	1570	1083	612
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		16	21	15
Iron	ppm	ASTM D5185m >151	92	84	68
Chromium	ppm	ASTM D5185m >11	2	2	1
Nickel	ppm	ASTM D5185m >10	<1	0	0
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >21	0	5	4
Lead	ppm	ASTM D5185m >51	0	0	0
Copper	ppm	ASTM D5185m >51	2	1	1
Tin	ppm	ASTM D5185m >4	<1	0	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	52	41	58
Barium	ppm	ASTM D5185m	4	6	0
Molybdenum	ppm	ASTM D5185m	106	104	104
Manganese	ppm	ASTM D5185m	4	4	4
Magnesium	ppm	ASTM D5185m	17	18	16
Calcium	ppm	ASTM D5185m	3819	4273	4156
Phosphorus	ppm	ASTM D5185m	1163	1221	1165
Zinc	ppm	ASTM D5185m	1369	1416	1327
Sulfur	ppm	ASTM D5185m	9419	10227	9392

CONTAMINANTS

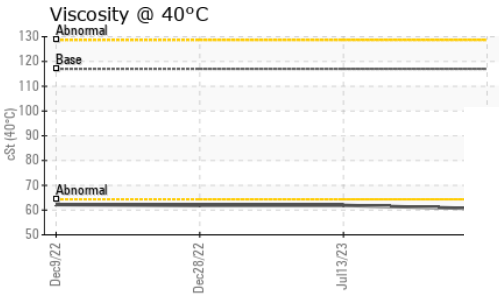
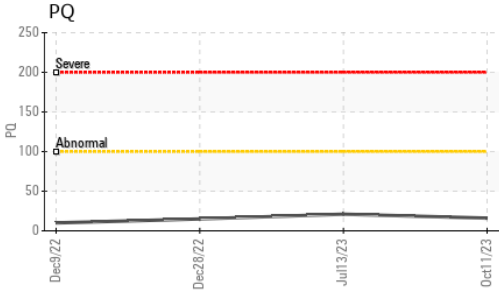
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >31	23	22	21
Sodium	ppm	ASTM D5185m >51	6	8	6
Potassium	ppm	ASTM D5185m >20	4	2	4

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	LIGHT	MODER	MODER
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
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
Free Water	scalar	*Visual	NEG	NEG	NEG



OIL ANALYSIS REPORT

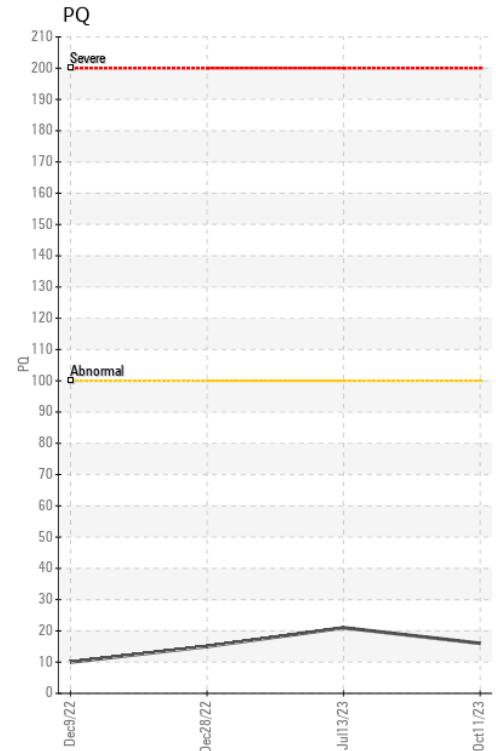
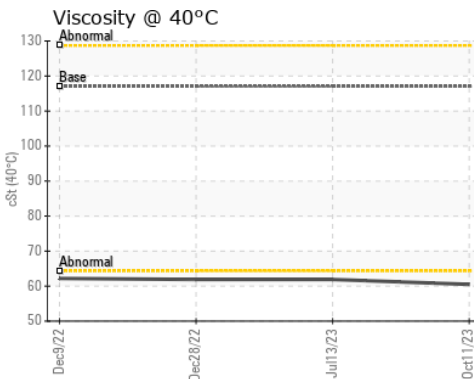
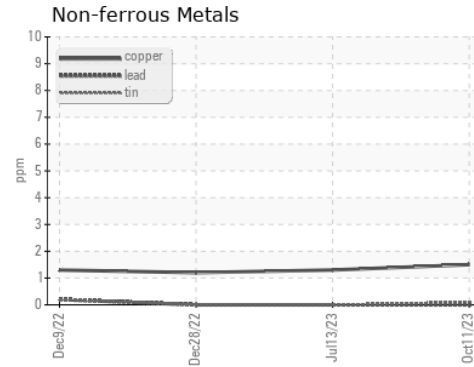
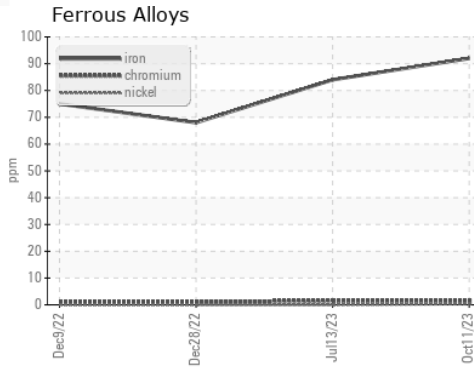


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	117	60.5	61.9	61.9

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0042790 **Received** : 13 Oct 2023
Lab Number : 05978467 **Diagnosed** : 17 Oct 2023
Unique Number : 10695762 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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

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)