



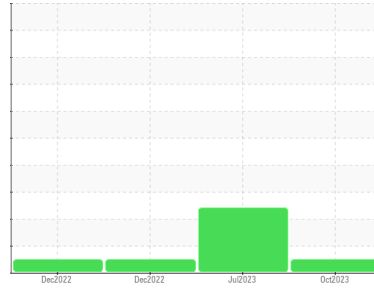
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
Store 8 - Pikeville
 Machine Id
JOHN DEERE 210G 1FF210GXCNF530286
 Component
Left Propel Gearbox
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (2 GAL)



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		LEC0042788	LEC0041077	LEC0037839
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	487	502	31
Oil Changed	Client Info		Changed	Changed	Not Changed
Sample Status			NORMAL	ABNORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		170	357	144
Iron	ppm	ASTM D5185m >1250	292	586	163
Chromium	ppm	ASTM D5185m >10	4	9	3
Nickel	ppm	ASTM D5185m >10	1	<1	0
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m	0	▲ 13	2
Lead	ppm	ASTM D5185m	0	0	0
Copper	ppm	ASTM D5185m	<1	1	<1
Tin	ppm	ASTM D5185m	0	0	0
Vanadium	ppm	ASTM D5185m	0	<1	<1
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 6	10	17	30
Barium	ppm	ASTM D5185m 0	0	2	0
Molybdenum	ppm	ASTM D5185m 0	2	<1	<1
Manganese	ppm	ASTM D5185m	4	9	3
Magnesium	ppm	ASTM D5185m 145	94	73	65
Calcium	ppm	ASTM D5185m 3570	3114	2584	2415
Phosphorus	ppm	ASTM D5185m 1290	1007	871	829
Zinc	ppm	ASTM D5185m 1640	1243	905	845
Sulfur	ppm	ASTM D5185m	5182	8870	7768

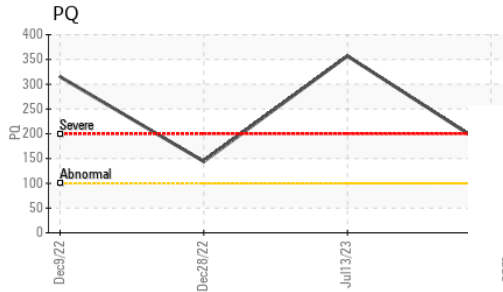
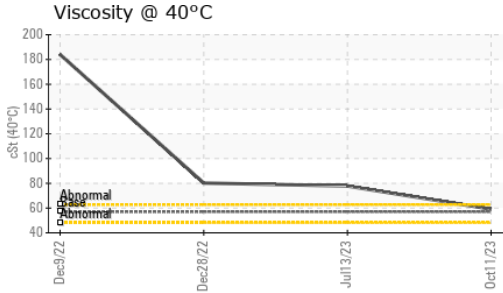
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	26	▲ 50	11
Sodium	ppm	ASTM D5185m	0	0	0
Potassium	ppm	ASTM D5185m >20	3	3	1

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	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 >0.2	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT

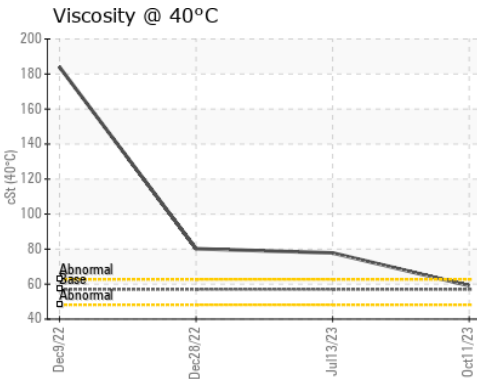
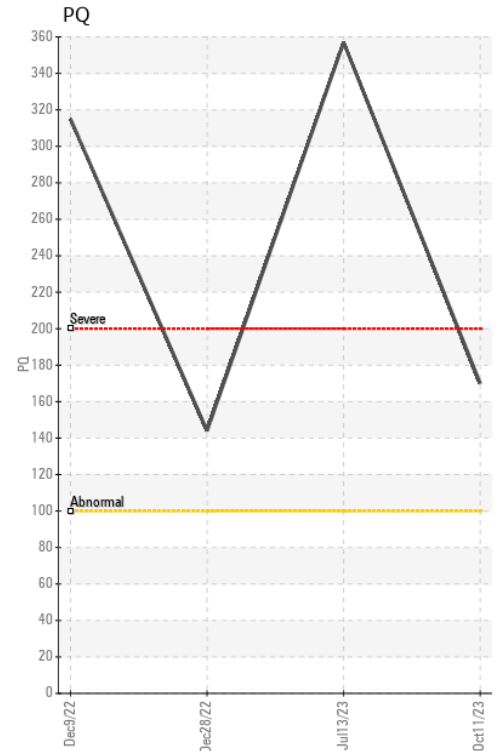
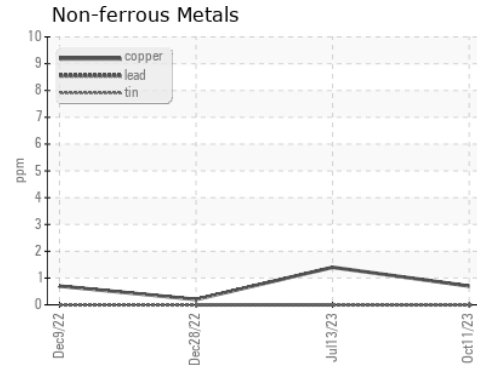
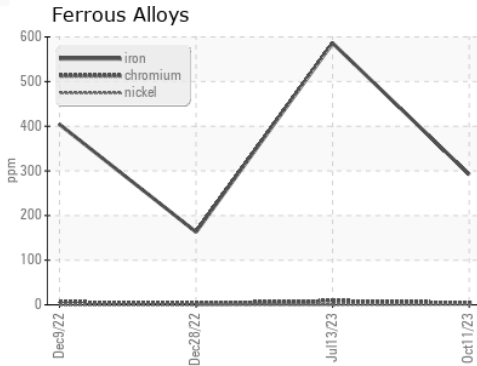


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.0	59.1	77.8	80.2

SAMPLE IMAGES	method	limit/base	current	history1	history2
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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. : LEC0042788 **Received** : 13 Oct 2023
Lab Number : 05978468 **Diagnosed** : 17 Oct 2023
Unique Number : 10695763 **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)