



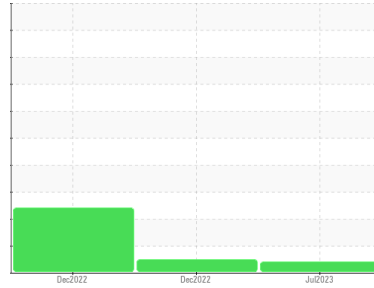
PROBLEM SUMMARY

Sample Rating Trend

VISCOSITY

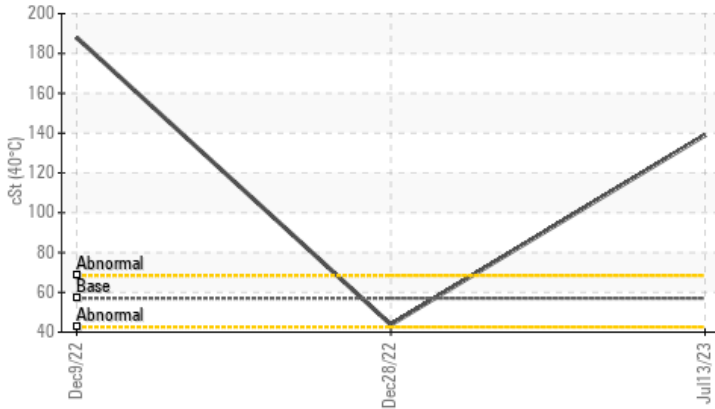


Area
Store 8 - Pikeville [141015]
 Machine Id
JOHN DEERE 210G 1FF210GXCNF530286
 Component
Swing Drive
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (2 GAL)



COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



RECOMMENDATION

Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	NORMAL	ABNORMAL
Visc @ 40°C	cSt	ASTM D445	57.0	▲ 139	43.8	188

Customer Id: LESMAROH
 Sample No.: LEC0041075
 Lab Number: 05901552
 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

28 Dec 2022 Diag: Jonathan Hester

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



09 Dec 2022 Diag: Don Baldrige

WATER



We advise that you check for the source of water entry. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. Appearance is hazy. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

view report





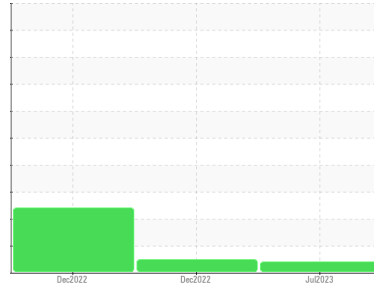
OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY



Area
Store 8 - Pikeville [141015]
 Machine Id
JOHN DEERE 210G 1FF210GXCNF530286
 Component
Swing Drive
 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 viscosity of the oil is higher than normal, possibly indicating the addition of a heavier grade of oil.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		LEC0041075	LEC0037838	LEC0037104
Sample Date	Client Info		13 Jul 2023	28 Dec 2022	09 Dec 2022
Machine Age	hrs	Client Info	1083	612	581
Oil Age	hrs	Client Info	1083	31	581
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			ATTENTION	NORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		8	12	77
Iron	ppm	ASTM D5185m >151	1	7	161
Chromium	ppm	ASTM D5185m >11	0	2	2
Nickel	ppm	ASTM D5185m >10	0	2	0
Titanium	ppm	ASTM D5185m	0	2	<1
Silver	ppm	ASTM D5185m	0	5	<1
Aluminum	ppm	ASTM D5185m >21	0	2	2
Lead	ppm	ASTM D5185m >51	0	2	0
Copper	ppm	ASTM D5185m >51	<1	2	<1
Tin	ppm	ASTM D5185m >10	0	2	0
Vanadium	ppm	ASTM D5185m	0	2	0
Cadmium	ppm	ASTM D5185m	0	2	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 6	0	2	78
Barium	ppm	ASTM D5185m 0	0	0	8
Molybdenum	ppm	ASTM D5185m 0	1	2	<1
Manganese	ppm	ASTM D5185m	<1	2	4
Magnesium	ppm	ASTM D5185m 145	0	4	2
Calcium	ppm	ASTM D5185m 3570	48	2	53
Phosphorus	ppm	ASTM D5185m 1290	317	82	559
Zinc	ppm	ASTM D5185m 1640	13	12	23
Sulfur	ppm	ASTM D5185m	22289	534	18577

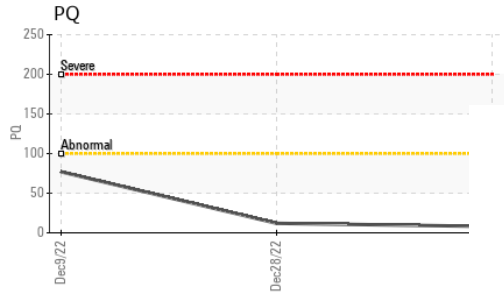
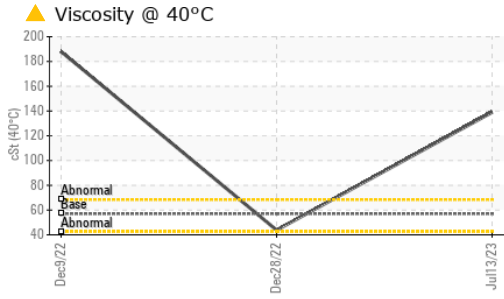
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >31	<1	3	15
Sodium	ppm	ASTM D5185m >51	0	1	3
Potassium	ppm	ASTM D5185m >20	<1	3	7

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
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	▲ HAZY
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	NEG	NEG	▲ 0.2%
Free Water	scalar	*Visual	NEG	NEG	NEG

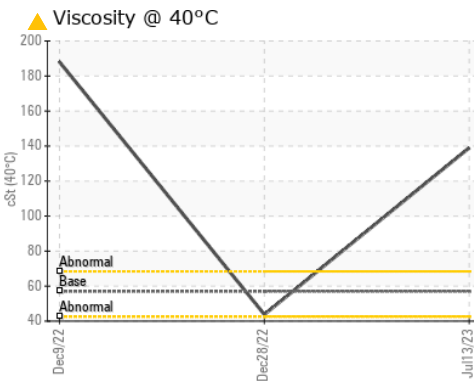
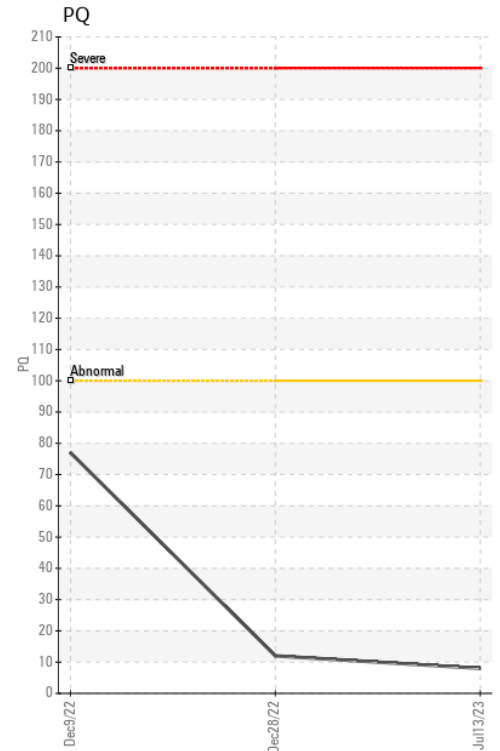
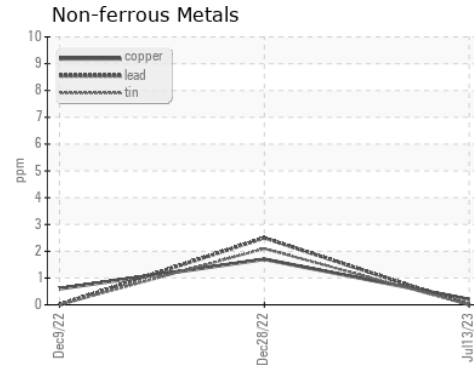
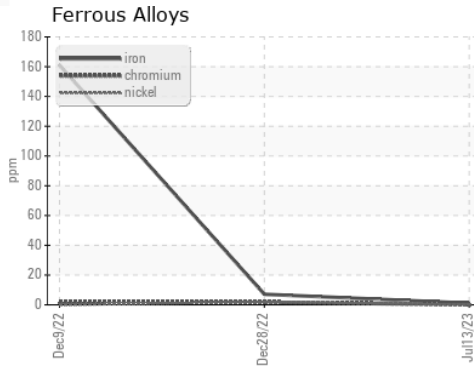
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.0 ▲ 139	43.8	188

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0041075 **Received** : 18 Jul 2023
Lab Number : 05901552 **Diagnosed** : 20 Jul 2023
Unique Number : 10562908 **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)