



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
{unassigned}
Machine Id
JOHN DEERE 250GLC 1FF250GXCLF611600
Component
Left Propel Gearbox
Fluid
JOHN DEERE HY-GARD HYD/TRANS (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0037939	LEC0032718	LEC0030072
Sample Date		Client Info		19 Jan 2023	03 Aug 2022	25 Apr 2022
Machine Age	hrs	Client Info		2336	1806	1282
Oil Age	hrs	Client Info		530	524	537
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		None	None	None
Sample Status				NORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		136	372	842
Iron	ppm	ASTM D5185m	>1250	237	868	261
Chromium	ppm	ASTM D5185m	>10	2	9	4
Nickel	ppm	ASTM D5185m	>10	<1	1	<1
Titanium	ppm	ASTM D5185m		<1	4	4
Silver	ppm	ASTM D5185m		0	2	<1
Aluminum	ppm	ASTM D5185m		12	▲ 43	▲ 67
Lead	ppm	ASTM D5185m		<1	1	<1
Copper	ppm	ASTM D5185m		<1	3	1
Tin	ppm	ASTM D5185m		<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

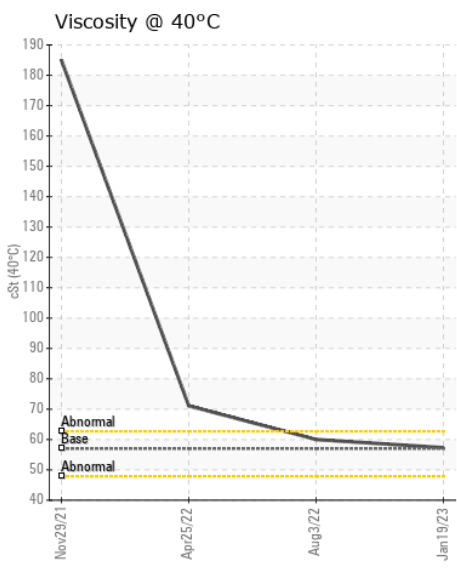
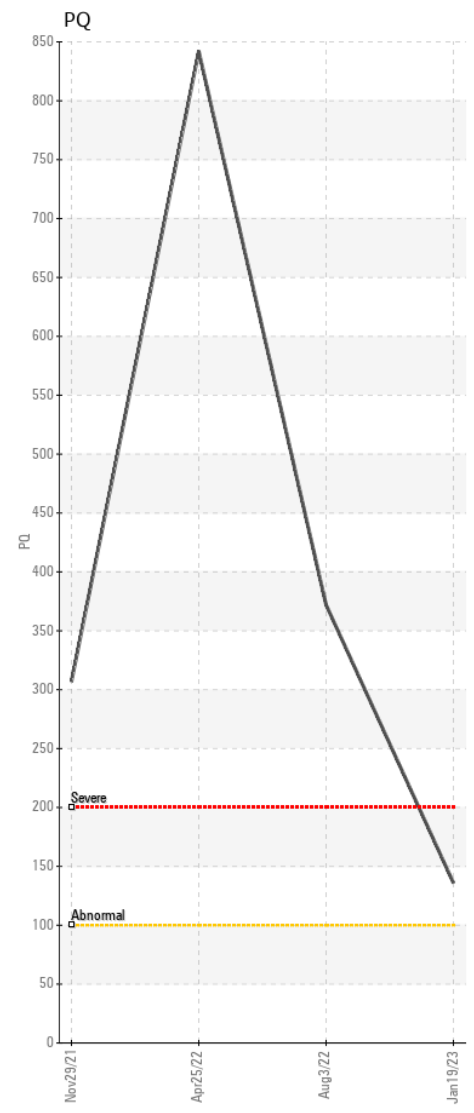
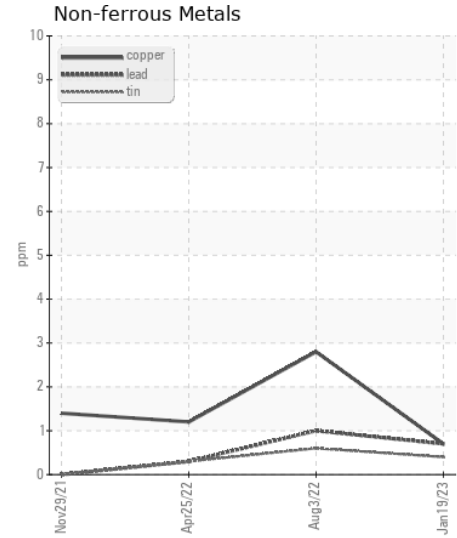
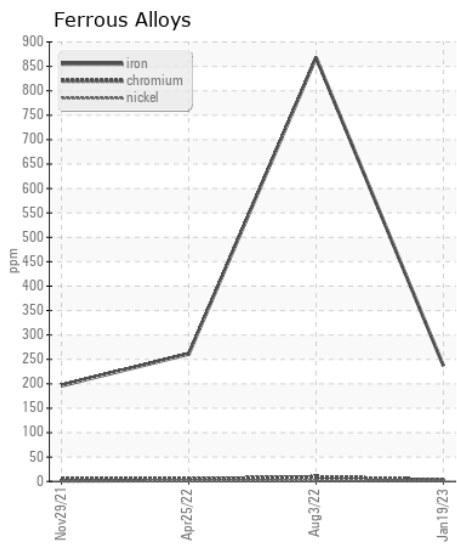
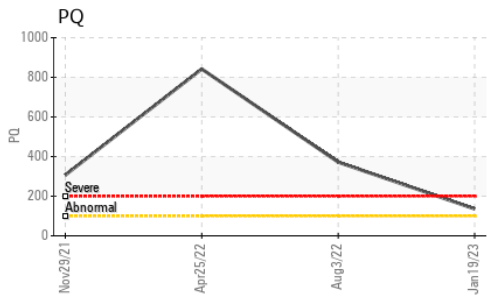
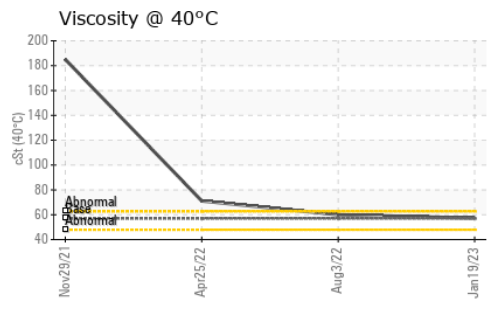
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		58	▲ 231	▲ 279
Potassium	ppm	ASTM D5185m	>20	2	11	17
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	MODER	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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		1	3	4
Boron	ppm	ASTM D5185m	6	6	16	22
Barium	ppm	ASTM D5185m	0	10	0	0
Molybdenum	ppm	ASTM D5185m	0	4	3	3
Manganese	ppm	ASTM D5185m		2	8	6
Magnesium	ppm	ASTM D5185m	145	100	121	93
Calcium	ppm	ASTM D5185m	3570	3004	3512	2778
Phosphorus	ppm	ASTM D5185m	1290	876	1061	925
Zinc	ppm	ASTM D5185m	1640	1118	1290	965
Sulfur	ppm	ASTM D5185m		3460	4952	5106
Visc @ 40°C	cSt	ASTM D445	57.0	57.3	60.0	71.1



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0037939 **Received** : 24 Jan 2023
Lab Number : 05748306 **Tested** : 25 Jan 2023
Unique Number : 10307910 **Diagnosed** : 25 Jan 2023 - Jonathan Hester
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

Certificate L2367
 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)