



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 2 - Beaver [RO# 1522250]
Machine Id
JOHN DEERE 130GL 1FF130GXKEE040620
Component
Left Propel Gearbox
Fluid
JOHN DEERE HY-GARD HYD/TRANS (1 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0051124	LEC0011198	LECP190510
Sample Date		Client Info		21 Jun 2024	02 Apr 2020	18 Jan 2019
Machine Age	hrs	Client Info		3210	2804	2195
Oil Age	hrs	Client Info		406	609	703
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	ABNORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		47	335	85
Iron	ppm	ASTM D5185m	>1250	102	426	134
Chromium	ppm	ASTM D5185m	>10	<1	6	2
Nickel	ppm	ASTM D5185m	>10	<1	<1	1
Titanium	ppm	ASTM D5185m		<1	4	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		8	50	6
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	0	0
White Metal	scalar	*Visual	NONE	NONE	HEAVY	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

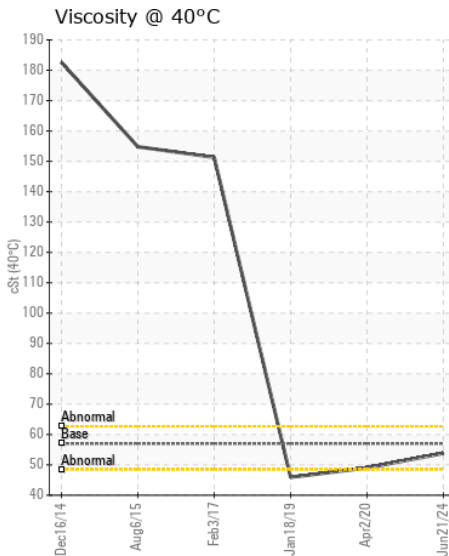
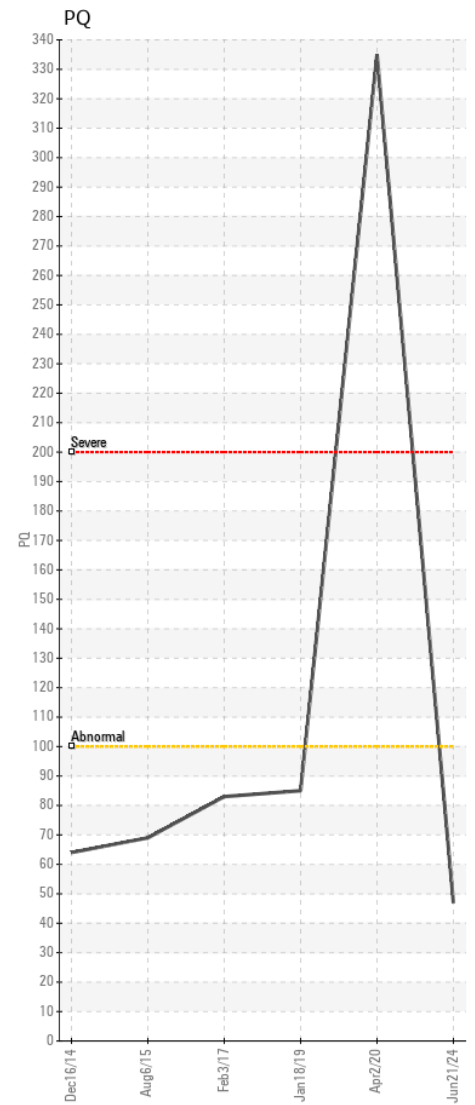
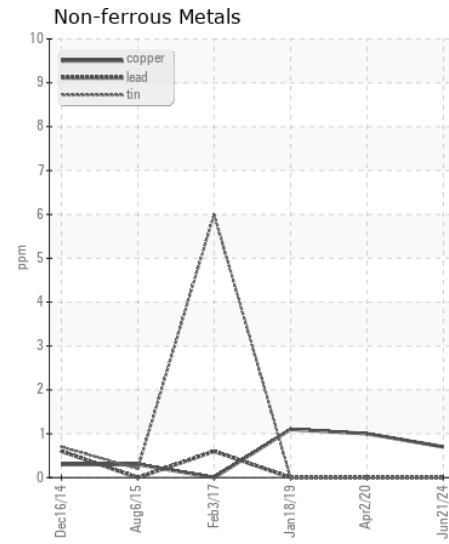
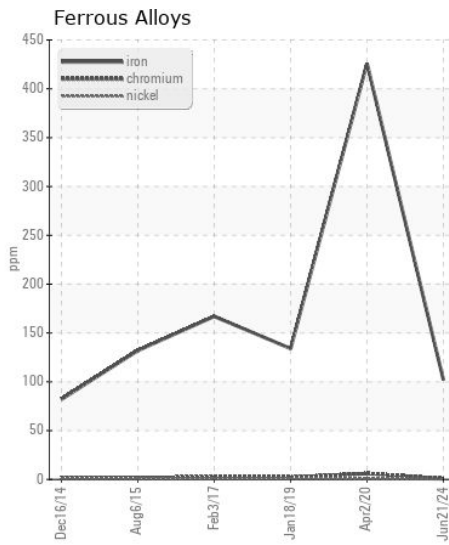
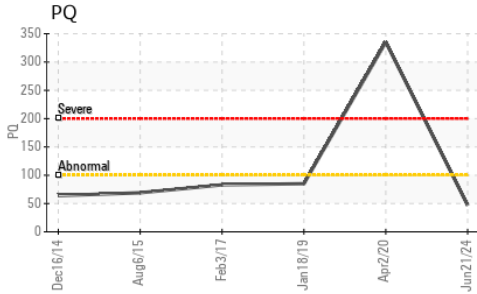
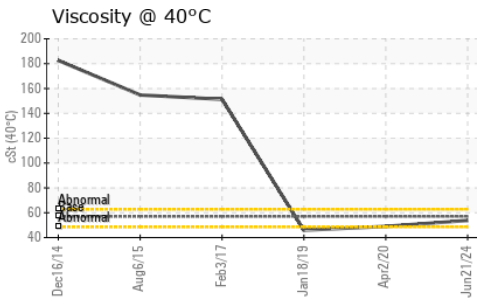
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		34	164	40
Potassium	ppm	ASTM D5185m	>20	3	12	3
Water		WC Method	>0.2	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	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		2	2	<1
Boron	ppm	ASTM D5185m	6	1	6	26
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	1
Manganese	ppm	ASTM D5185m		2	5	2
Magnesium	ppm	ASTM D5185m	145	103	90	18
Calcium	ppm	ASTM D5185m	3570	3498	3627	3044
Phosphorus	ppm	ASTM D5185m	1290	1032	942	950
Zinc	ppm	ASTM D5185m	1640	1241	1234	1060
Sulfur	ppm	ASTM D5185m		4036	3186	5094
Visc @ 40°C	cSt	ASTM D445	57.0	53.8	49.0	45.92



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0051124 **Received** : 03 Jul 2024
Lab Number : 06227829 **Tested** : 05 Jul 2024
Unique Number : 11111322 **Diagnosed** : 05 Jul 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)

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