



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 1 - Cowen [151979]
Machine Id
JOHN DEERE 624P 1DW624PAJNLZ15097
Component
Brake
Fluid
JOHN DEERE HY-GARD HYD/TRANS (10 Oz)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0049921	LEC0044261	LEC0036921
Sample Date		Client Info		12 Jun 2024	20 Oct 2023	12 May 2023
Machine Age	hrs	Client Info		3641	2077	1069
Oil Age	hrs	Client Info		1564	2077	1069
Filter Age	hrs	Client Info		0	2077	1069
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				NORMAL	ABNORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		15	65	36
Iron	ppm	ASTM D5185m	>350	24	133	84
Chromium	ppm	ASTM D5185m	>5	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	<1	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>8	1	4	<1
Lead	ppm	ASTM D5185m	>10	12	6	67
Copper	ppm	ASTM D5185m	>150	98	3	131
Tin	ppm	ASTM D5185m	>5	<1	0	1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

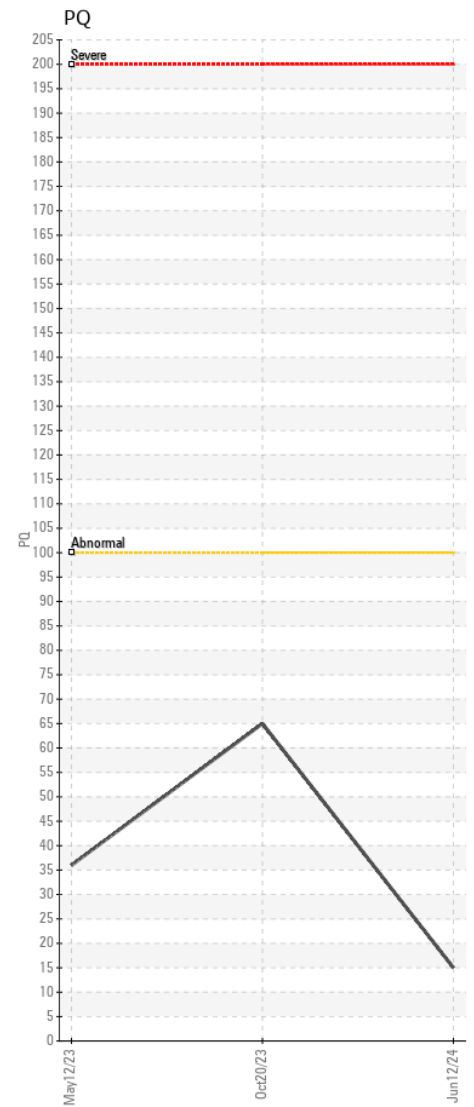
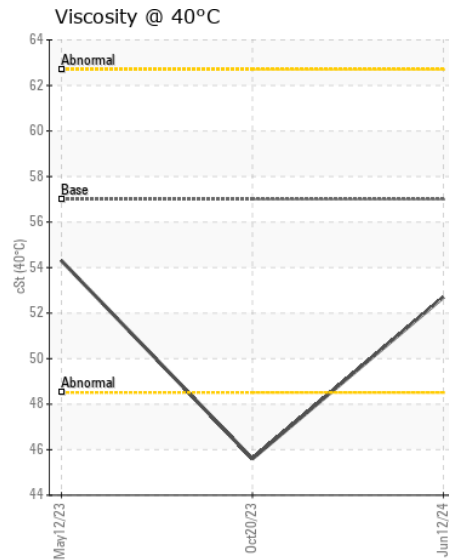
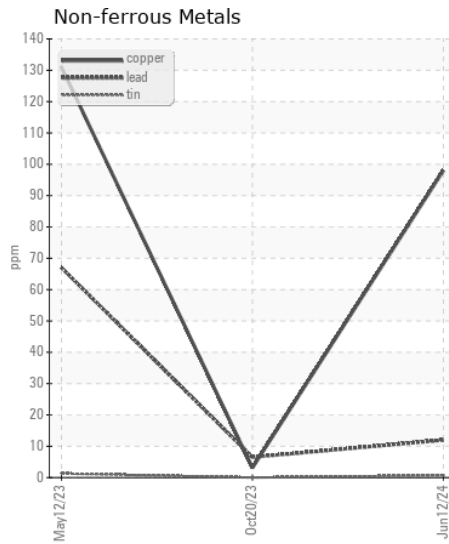
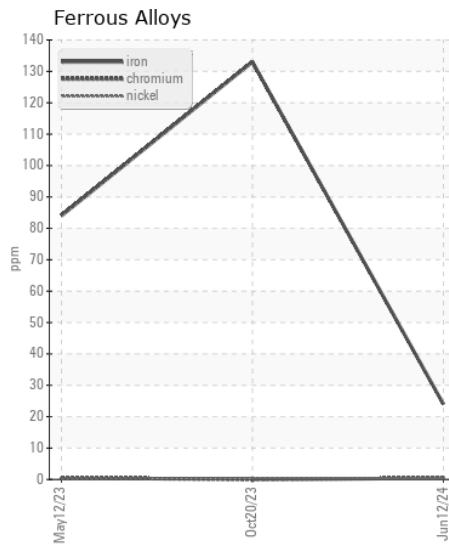
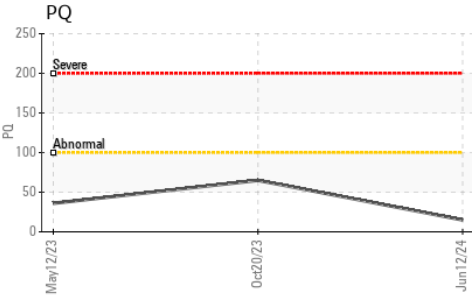
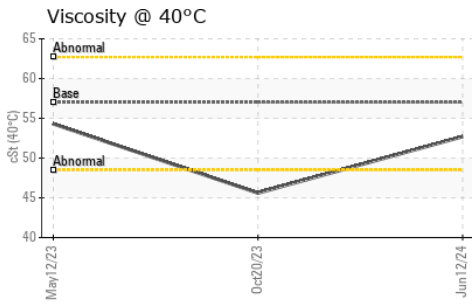
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>400	4	▲ 450	6
Potassium	ppm	ASTM D5185m	>20	2	0	2
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 fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<1	3	6
Boron	ppm	ASTM D5185m	6	2	128	3
Barium	ppm	ASTM D5185m	0	<1	<1	2
Molybdenum	ppm	ASTM D5185m	0	<1	347	<1
Manganese	ppm	ASTM D5185m		<1	3	2
Magnesium	ppm	ASTM D5185m	145	96	502	92
Calcium	ppm	ASTM D5185m	3570	3517	1443	3402
Phosphorus	ppm	ASTM D5185m	1290	1039	733	1014
Zinc	ppm	ASTM D5185m	1640	1252	860	1239
Sulfur	ppm	ASTM D5185m		3663	2376	4193
Visc @ 40°C	cSt	ASTM D445	57.0	52.7	45.6	54.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0049921 **Received** : 14 Jun 2024
Lab Number : 06210460 **Tested** : 17 Jun 2024
Unique Number : 11083324 **Diagnosed** : 18 Jun 2024 - 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

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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