



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 2 - Beaver
Machine Id
JOHN DEERE 260E 1DW260ETVLF704853
Component
Center Axle
Fluid
JOHN DEERE HY-GARD HYD/TRANS (10 GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0043901	LEC0039342	LEC0027824
Sample Date		Client Info		11 Sep 2023	06 Mar 2023	02 Mar 2022
Machine Age	hrs	Client Info		2650	2060	1537
Oil Age	hrs	Client Info		590	1488	965
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		None	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

The copper level has decreased, but is still abnormal.

PQ		ASTM D8184		▲ 239	439	169
Iron	ppm	ASTM D5185m	>1501	349	765	425
Chromium	ppm	ASTM D5185m	>11	2	4	2
Nickel	ppm	ASTM D5185m	>10	3	7	4
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>21	1	5	4
Lead	ppm	ASTM D5185m	>51	2	5	2
Copper	ppm	ASTM D5185m	>101	▲ 185	▲ 440	▲ 281
Tin	ppm	ASTM D5185m	>10	6	▲ 11	6
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	LIGHT	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

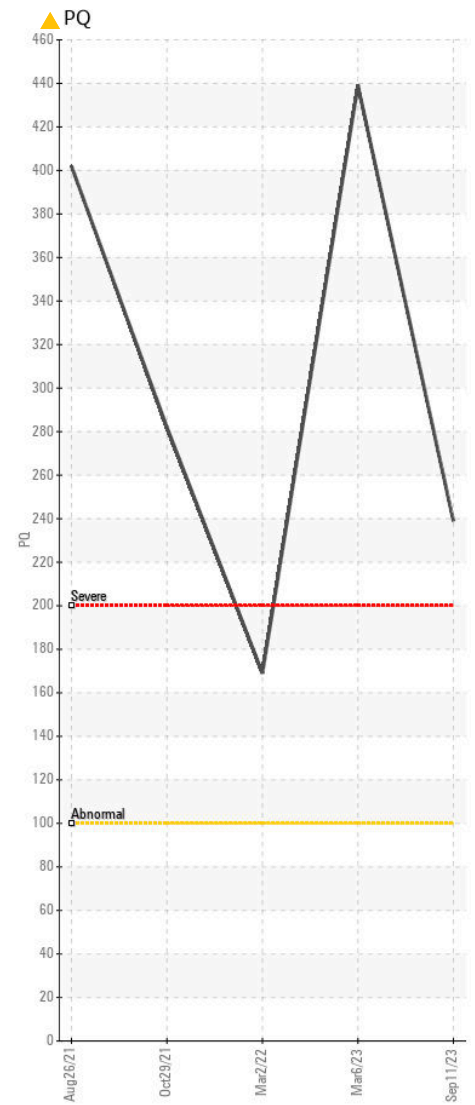
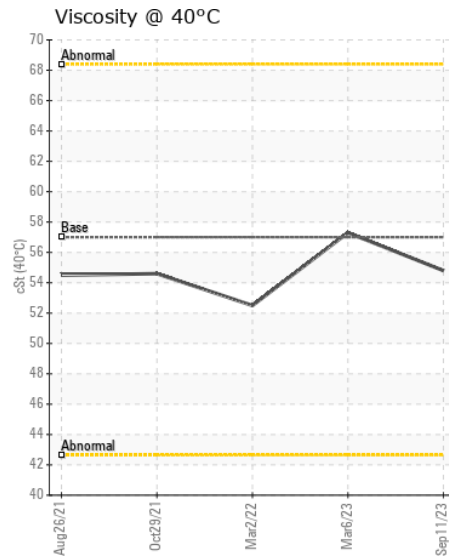
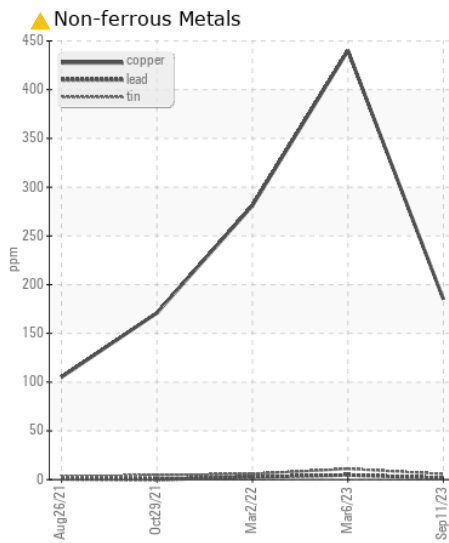
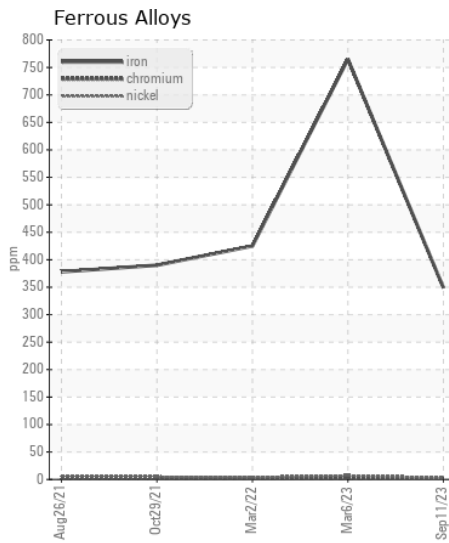
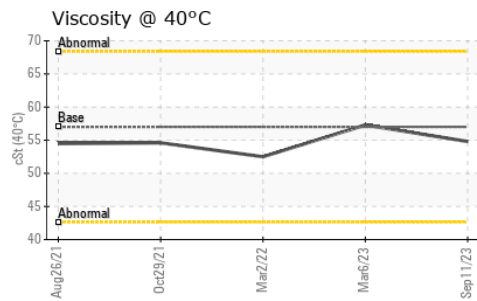
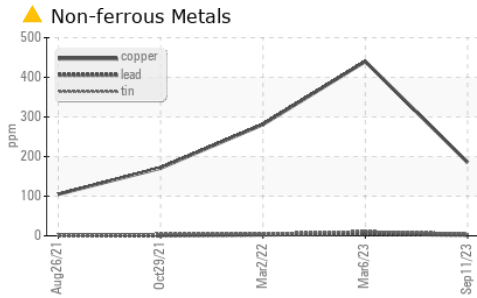
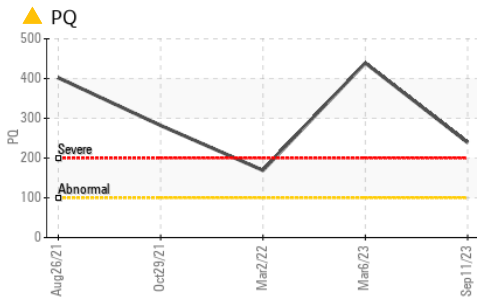
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	14	28	21
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water		WC Method	>0.1	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	4	7	7
Boron	ppm	ASTM D5185m	6	10	30	30
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	4	10	7
Manganese	ppm	ASTM D5185m		13	34	31
Magnesium	ppm	ASTM D5185m	145	93	79	81
Calcium	ppm	ASTM D5185m	3570	3530	3468	3615
Phosphorus	ppm	ASTM D5185m	1290	1016	1003	1083
Zinc	ppm	ASTM D5185m	1640	1247	1301	1250
Sulfur	ppm	ASTM D5185m		3973	3647	3099
Visc @ 40°C	cSt	ASTM D445	57.0	54.8	57.3	52.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0043901 **Received** : 20 Sep 2023
Lab Number : 05956689 **Tested** : 21 Sep 2023
Unique Number : 10657902 **Diagnosed** : 22 Sep 2023 - Jonathan Hester
Test Package : CONST (Additional Tests: PQ)

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)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.com
 T:
 F: (740)373-5570