



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 260E 1DW260ETENF716185
 Component
Rear Axle
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- 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		JR0213802	JR0176650	JR0167295
Sample Date		Client Info		23 May 2024	27 Jul 2023	15 May 2023
Machine Age	hrs	Client Info		1492	973	676
Oil Age	hrs	Client Info		1492	973	676
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Not Changed	Changed	Not Changed
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

Bearing and/or bushing wear is indicated.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		112	69	182
Iron	ppm	ASTM D5185m	>1501	167	107	210
Chromium	ppm	ASTM D5185m	>11	2	1	3
Nickel	ppm	ASTM D5185m	>10	5	3	7
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>21	2	2	4
Lead	ppm	ASTM D5185m	>51	11	7	10
Copper	ppm	ASTM D5185m	>101	▲ 291	▲ 195	▲ 464
Tin	ppm	ASTM D5185m	>10	8	4	9
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

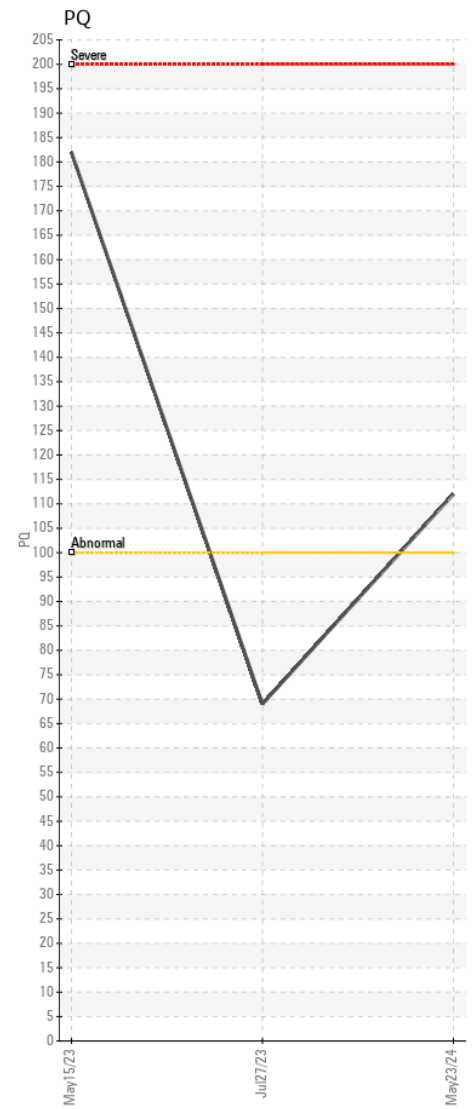
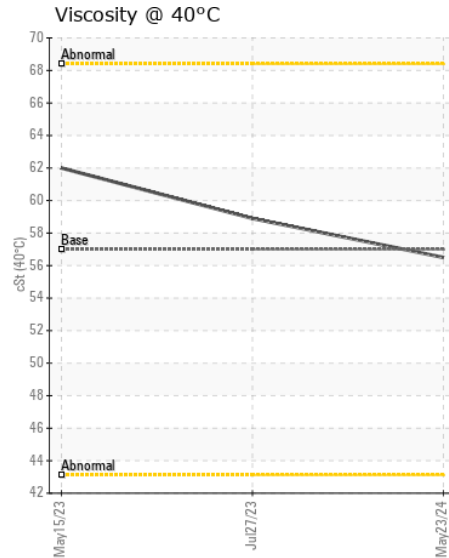
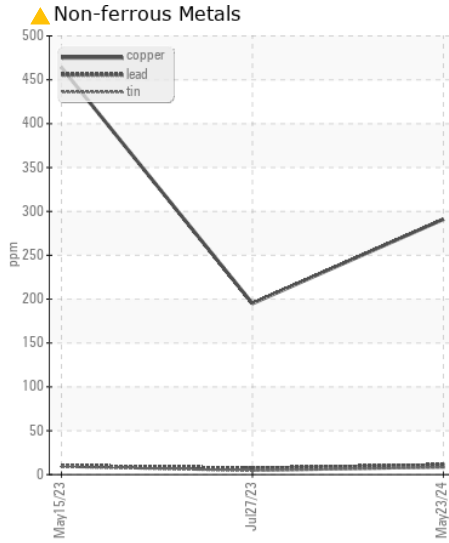
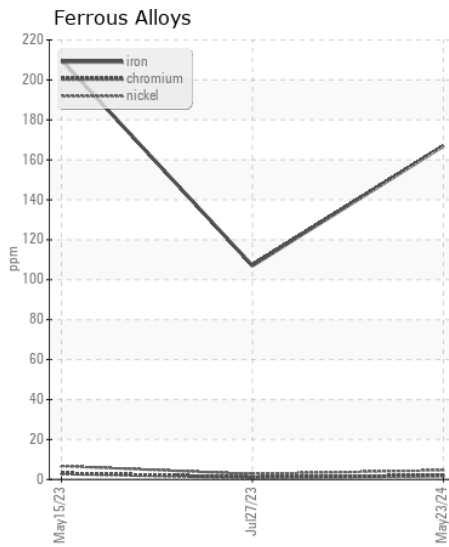
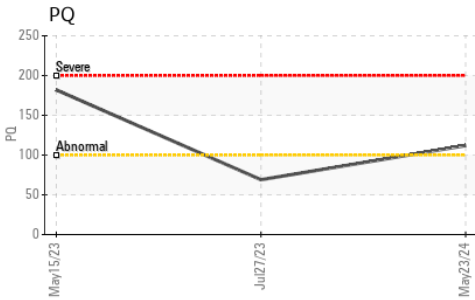
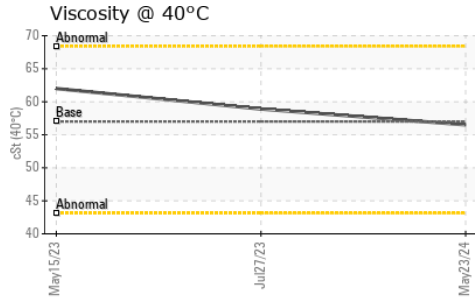
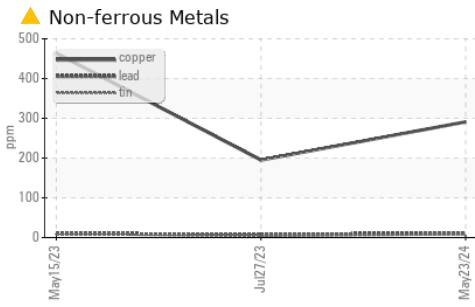
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	15	12	20
Potassium	ppm	ASTM D5185m	>20	3	3	4
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	LIGHT	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	7	3	20
Boron	ppm	ASTM D5185m	6	43	44	94
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	11	12	<1
Manganese	ppm	ASTM D5185m		14	12	30
Magnesium	ppm	ASTM D5185m	145	97	101	23
Calcium	ppm	ASTM D5185m	3570	3390	3632	3427
Phosphorus	ppm	ASTM D5185m	1290	1045	1085	1176
Zinc	ppm	ASTM D5185m	1640	1285	1311	1422
Sulfur	ppm	ASTM D5185m		3620	3782	4033
Visc @ 40°C	cSt	ASTM D445	57.0	56.5	58.9	62.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213802 **Received** : 28 May 2024
Lab Number : 06192482 **Tested** : 29 May 2024
Unique Number : 11049234 **Diagnosed** : 30 May 2024 - Sean Felton
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)

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