



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 753J 1T0753JXACC234949
Component
Right Final Drive
Fluid
JOHN DEERE GL-5 80W90 (--- QTS)

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		JR0223415	JR0158045	JR0127670
Sample Date		Client Info		11 Jul 2024	11 May 2023	09 May 2022
Machine Age	hrs	Client Info		12067	11306	11042
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				ABNORMAL	SEVERE	SEVERE

WEAR

Gear wear is indicated.

PQ		ASTM D8184	>1250	130	53	102
Iron	ppm	ASTM D5185m	>750	▲ 1149	▲ 2270	▲ 2265
Chromium	ppm	ASTM D5185m	>9	▲ 14	▲ 24	▲ 24
Nickel	ppm	ASTM D5185m	>10	5	8	8
Titanium	ppm	ASTM D5185m		1	1	2
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	7	9	● 15
Lead	ppm	ASTM D5185m	>15	0	0	<1
Copper	ppm	ASTM D5185m	>40	24	25	38
Tin	ppm	ASTM D5185m	>10	0	<1	2
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

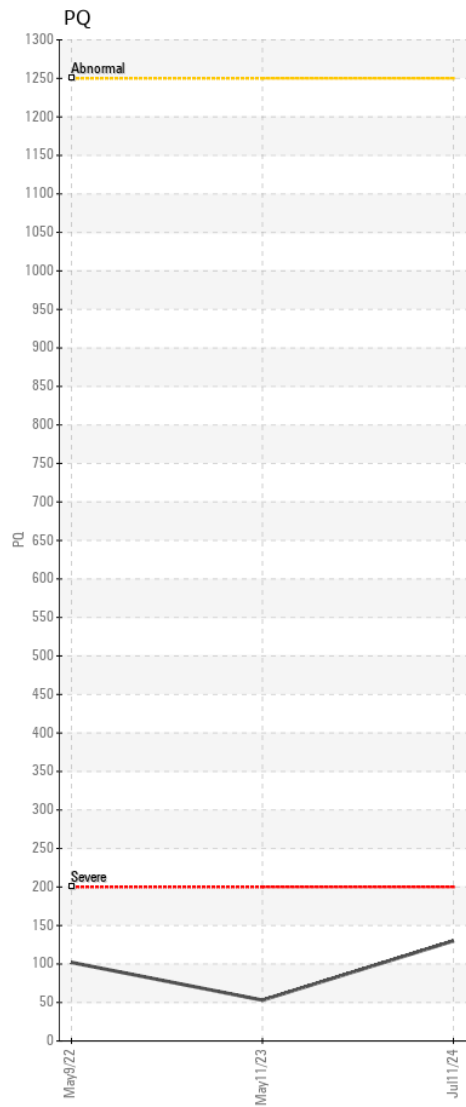
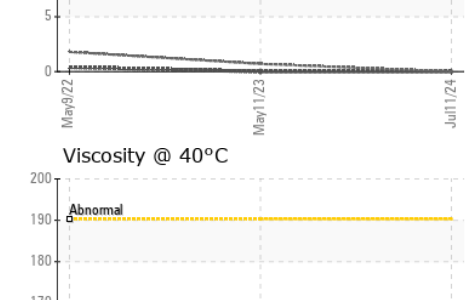
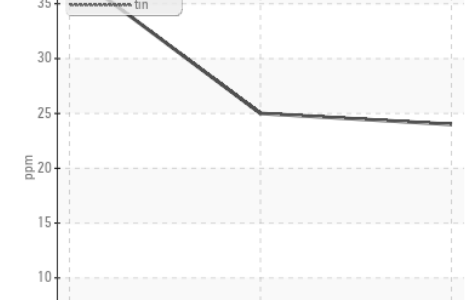
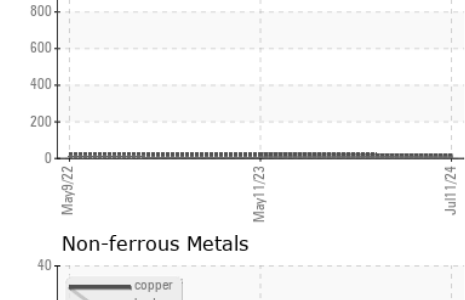
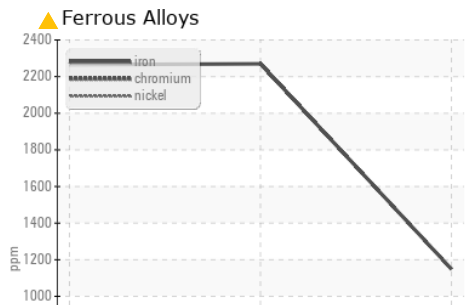
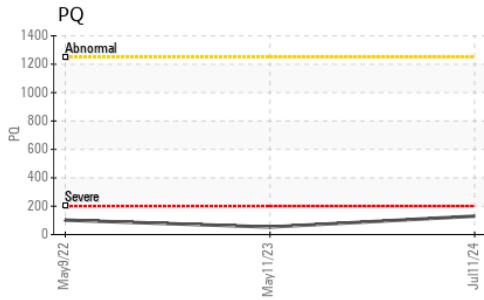
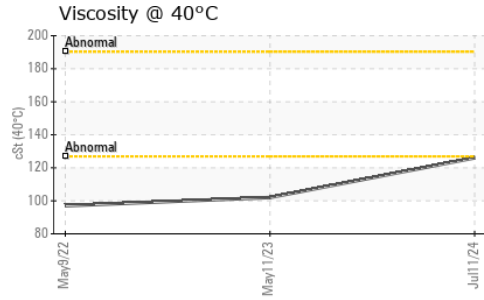
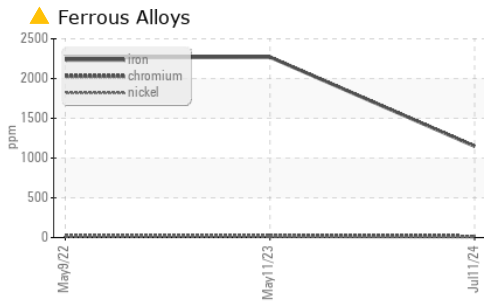
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	39	59	▲ 94
Potassium	ppm	ASTM D5185m	>20	2	1	1
Water		WC Method	>0.075	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	>0.075	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	0	<1
Boron	ppm	ASTM D5185m		40	35	63
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		3	3	3
Manganese	ppm	ASTM D5185m		7	17	18
Magnesium	ppm	ASTM D5185m		8	4	1
Calcium	ppm	ASTM D5185m		101	29	12
Phosphorus	ppm	ASTM D5185m		685	518	522
Zinc	ppm	ASTM D5185m		39	18	21
Sulfur	ppm	ASTM D5185m		18389	18829	13905
Visc @ 40°C	cSt	ASTM D445		126	102	97.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0223415 **Received** : 12 Jul 2024
Lab Number : 06235173 **Tested** : 15 Jul 2024
Unique Number : 11124007 **Diagnosed** : 15 Jul 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

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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)