



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 1T0325GKENJ421724
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0214446	JR0183693	---
Sample Date		Client Info		21 May 2024	04 Sep 2023	---
Machine Age	hrs	Client Info		1008	468	---
Oil Age	hrs	Client Info		540	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		None	N/A	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	54	30	---
Iron	ppm	ASTM D5185m	>750	687	▲ 1030	---
Chromium	ppm	ASTM D5185m	>9	8	11	---
Nickel	ppm	ASTM D5185m	>10	1	1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	2	4	---
Lead	ppm	ASTM D5185m	>15	<1	0	---
Copper	ppm	ASTM D5185m	>40	4	5	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

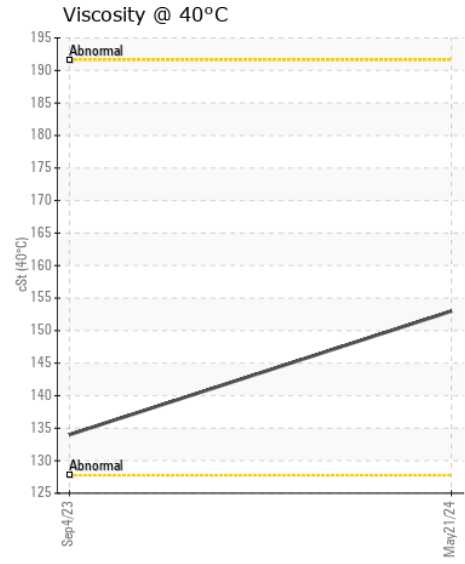
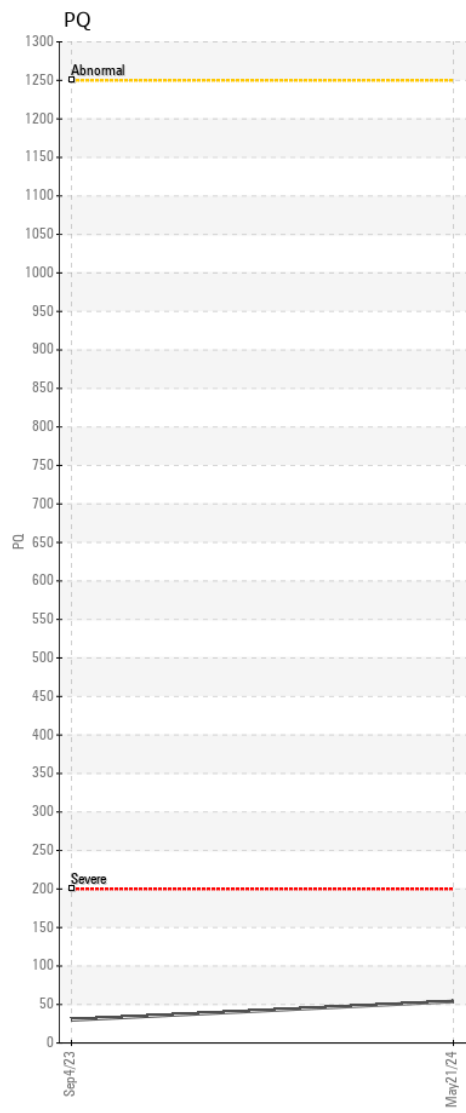
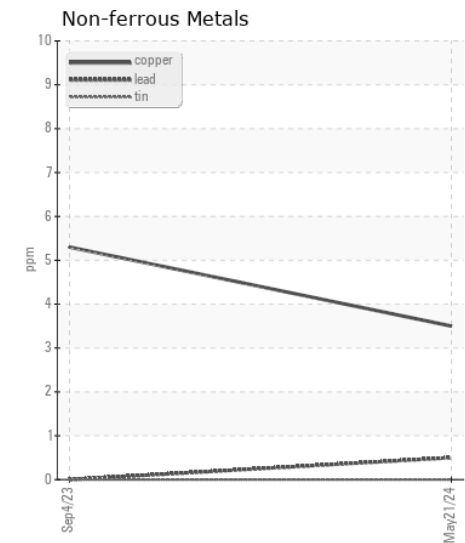
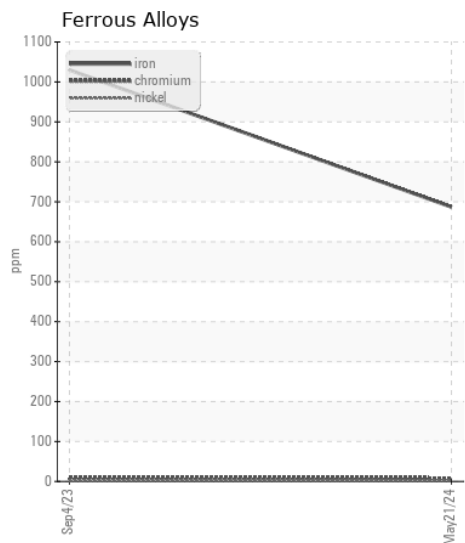
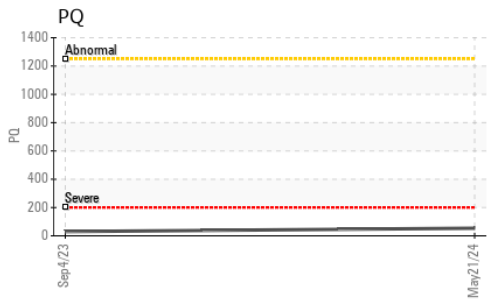
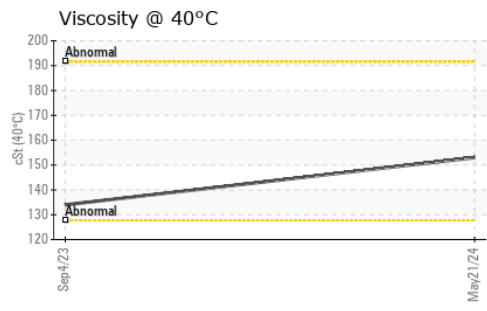
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	10	8	---
Potassium	ppm	ASTM D5185m	>20	20	29	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	4	9	---
Boron	ppm	ASTM D5185m		34	45	---
Barium	ppm	ASTM D5185m		28	36	---
Molybdenum	ppm	ASTM D5185m		2	1	---
Manganese	ppm	ASTM D5185m		4	10	---
Magnesium	ppm	ASTM D5185m		4	2	---
Calcium	ppm	ASTM D5185m		14	27	---
Phosphorus	ppm	ASTM D5185m		615	890	---
Zinc	ppm	ASTM D5185m		30	26	---
Sulfur	ppm	ASTM D5185m		23924	25056	---
Visc @ 40°C	cSt	ASTM D445		153	134	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0214446 **Received** : 23 May 2024
Lab Number : 06189802 **Tested** : 31 May 2024
Unique Number : 11046554 **Diagnosed** : 31 May 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

ALLSITE CONTRACTING
 11128 INDUSTRIAL RD
 MANASSAS, VA
 US 20109
 Contact: DAVE PARKER
 dave.parker@allsiteco.com
 T: (703)361-2499
 F: (703)361-6169

Certificate L2367
 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)