



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 1FF350GXVKF814250
 Component
Right 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		JR0195857	JR0126453	---
Sample Date		Client Info		06 Feb 2024	07 Apr 2022	---
Machine Age	hrs	Client Info		6877	4113	---
Oil Age	hrs	Client Info		1000	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changed	---
Filter Changed		Client Info		Changed	Not Changed	---
Sample Status				NORMAL	SEVERE	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	102	384	---
Iron	ppm	ASTM D5185m	>750	669	▲ 1518	---
Chromium	ppm	ASTM D5185m	>9	2	▲ 13	---
Nickel	ppm	ASTM D5185m	>10	<1	2	---
Titanium	ppm	ASTM D5185m		2	19	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>40	18	▲ 120	---
Lead	ppm	ASTM D5185m	>15	<1	<1	---
Copper	ppm	ASTM D5185m	>40	2	4	---
Tin	ppm	ASTM D5185m	>10	<1	<1	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

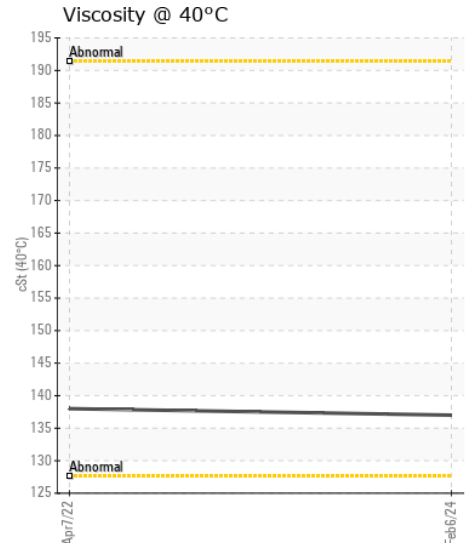
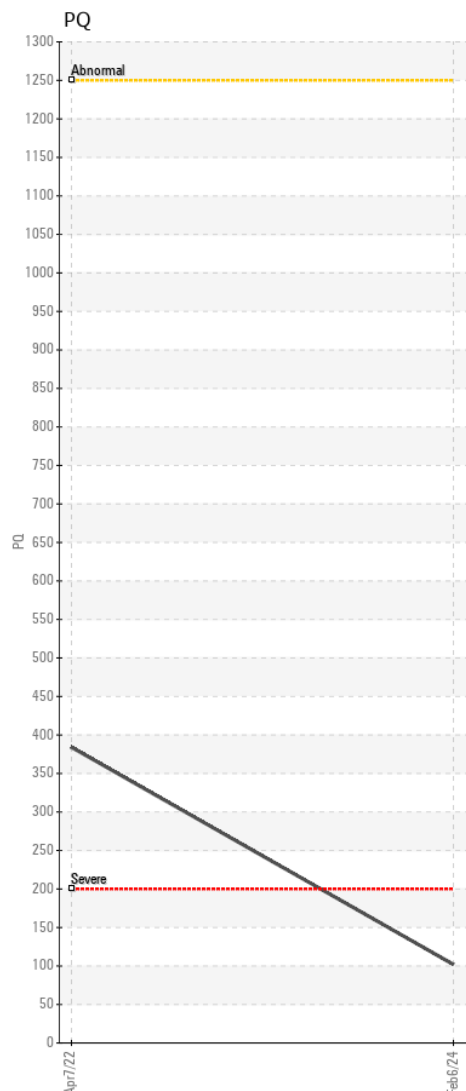
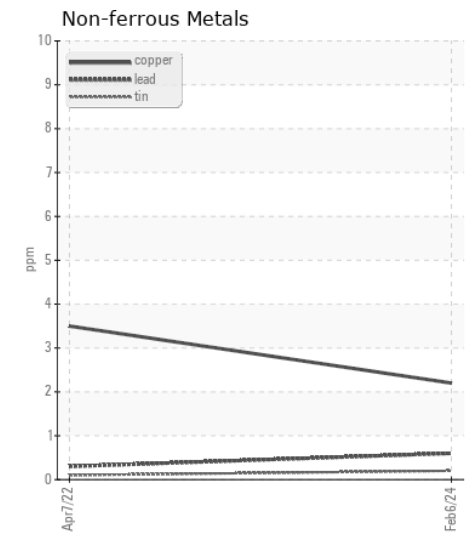
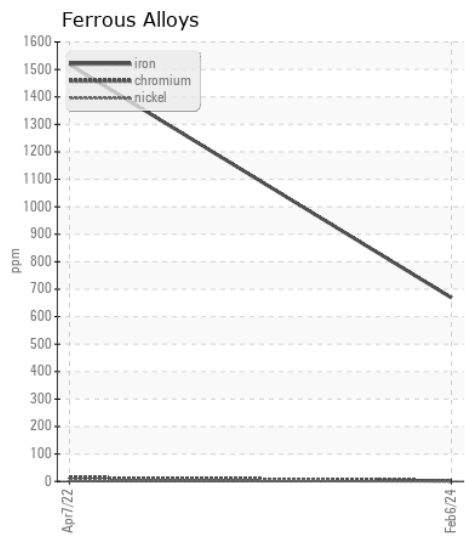
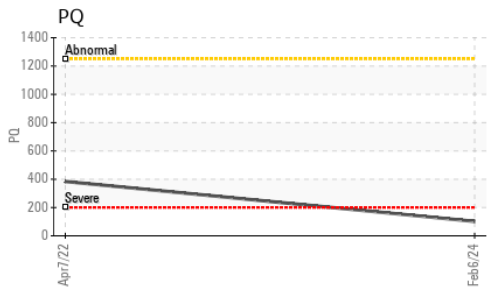
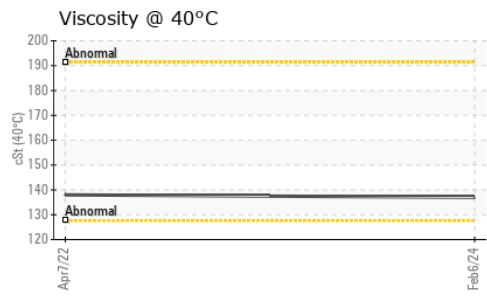
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	68	● 692	---
Potassium	ppm	ASTM D5185m	>20	4	37	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
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	32	---
Boron	ppm	ASTM D5185m		18	89	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		4	4	---
Manganese	ppm	ASTM D5185m		6	16	---
Magnesium	ppm	ASTM D5185m		22	69	---
Calcium	ppm	ASTM D5185m		36	149	---
Phosphorus	ppm	ASTM D5185m		527	757	---
Zinc	ppm	ASTM D5185m		87	70	---
Sulfur	ppm	ASTM D5185m		17288	21348	---
Visc @ 40°C	cSt	ASTM D445		137	138	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0195857
Lab Number : 06099397
Unique Number : 10897627
Test Package : CONST (Additional Tests: PQ)

TOTAL DEVELOPMENT SOLUTIONS LLC
 7805 PROGRESS CT
 GAINESVILLE, VA
 US 20155
 Contact: JOE SEALE

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)

T: (571)220-7763
 F: (703)753-4586