



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 365
 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		JR0217846	JR0126443	---
Sample Date		Client Info		21 Jun 2024	07 Apr 2022	---
Machine Age	hrs	Client Info		4995	1785	---
Oil Age	hrs	Client Info		1000	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	37	192	---
Iron	ppm	ASTM D5185m	>750	61	572	---
Chromium	ppm	ASTM D5185m	>9	<1	8	---
Nickel	ppm	ASTM D5185m	>10	<1	1	---
Titanium	ppm	ASTM D5185m		1	7	---
Silver	ppm	ASTM D5185m		<1	2	---
Aluminum	ppm	ASTM D5185m	>40	5	52	---
Lead	ppm	ASTM D5185m	>15	<1	<1	---
Copper	ppm	ASTM D5185m	>40	<1	2	---
Tin	ppm	ASTM D5185m	>10	<1	<1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

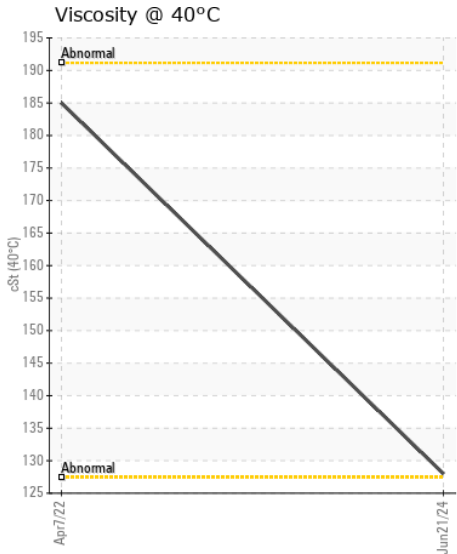
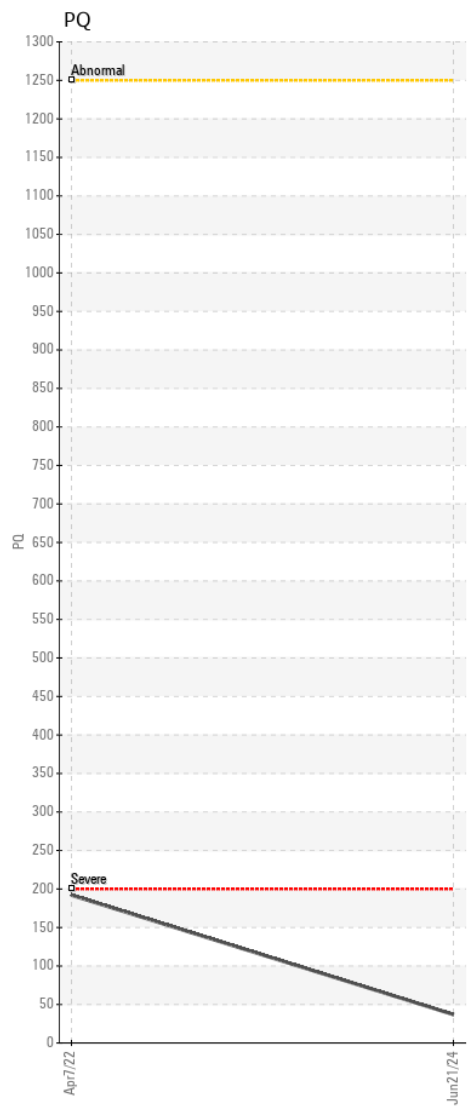
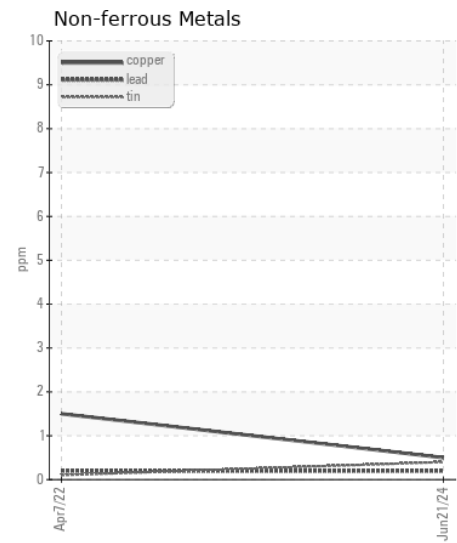
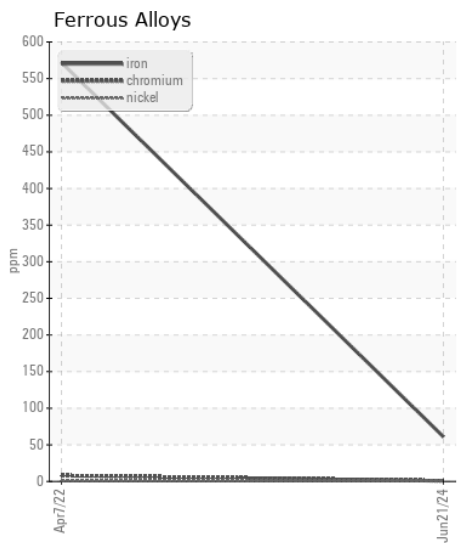
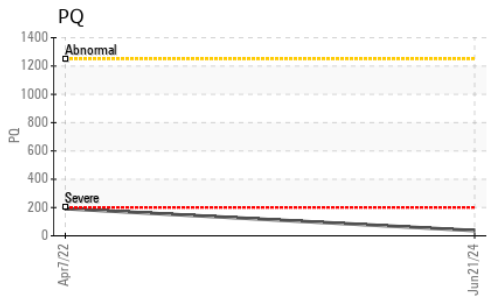
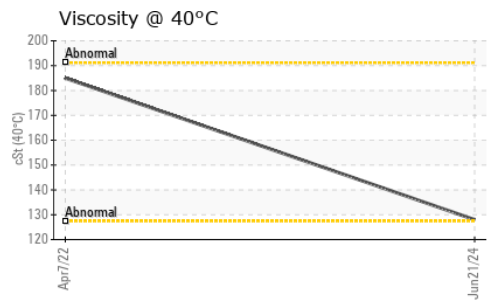
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	19	197	---
Potassium	ppm	ASTM D5185m	>20	3	10	---
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	<1	6	---
Boron	ppm	ASTM D5185m		32	62	---
Barium	ppm	ASTM D5185m		<1	<1	---
Molybdenum	ppm	ASTM D5185m		9	<1	---
Manganese	ppm	ASTM D5185m		<1	9	---
Magnesium	ppm	ASTM D5185m		32	7	---
Calcium	ppm	ASTM D5185m		107	34	---
Phosphorus	ppm	ASTM D5185m		549	523	---
Zinc	ppm	ASTM D5185m		92	20	---
Sulfur	ppm	ASTM D5185m		15364	13098	---
Visc @ 40°C	cSt	ASTM D445		128	185	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0217846 **Received** : 01 Jul 2024
Lab Number : 06224735 **Tested** : 02 Jul 2024
Unique Number : 11102932 **Diagnosed** : 02 Jul 2024 - Wes Davis
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)

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