



WEAR	ATTENTION
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 333G 1T0333GMLKF362303

Component
Left Final Drive

Fluid
{not provided} (--- QTS)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0126157	JR0074685	---
Sample Date		Client Info		22 May 2024	07 Feb 2022	---
Machine Age	hrs	Client Info		1800	1011	---
Oil Age	hrs	Client Info		789	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	85	51	---
Iron	ppm	ASTM D5185m	>750	214	290	---
Chromium	ppm	ASTM D5185m	>9	3	3	---
Nickel	ppm	ASTM D5185m	>10	1	0	---
Titanium	ppm	ASTM D5185m		4	0	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>40	42	3	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	<1	1	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

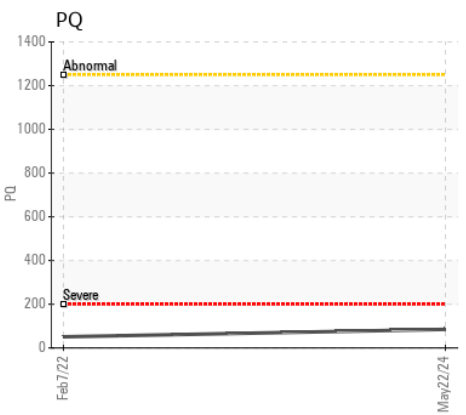
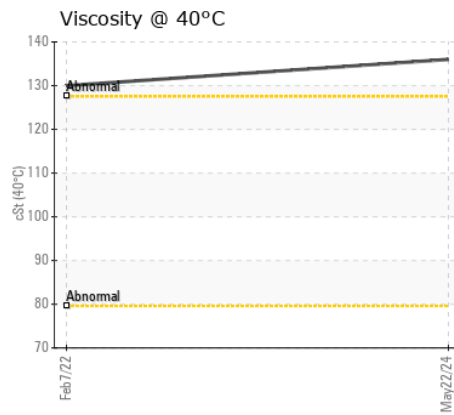
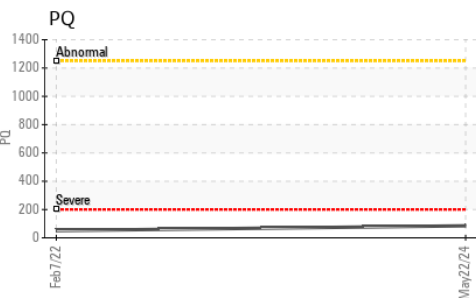
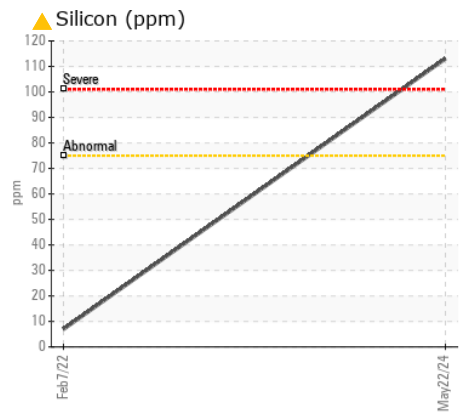
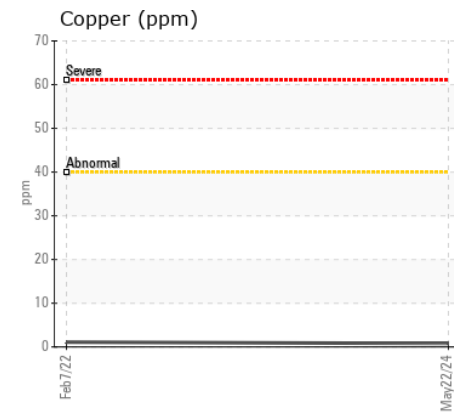
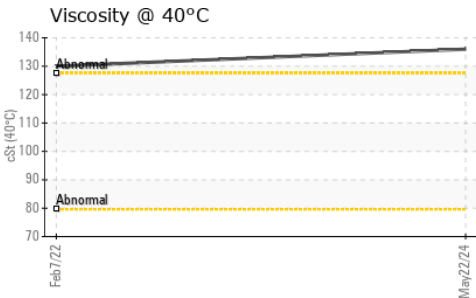
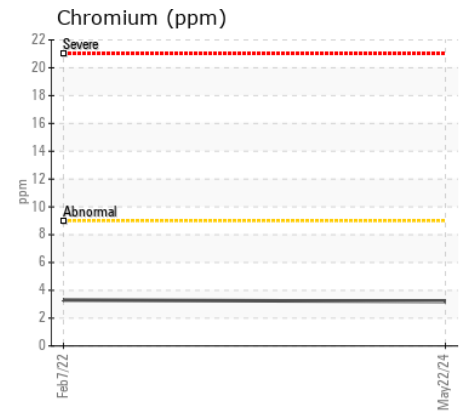
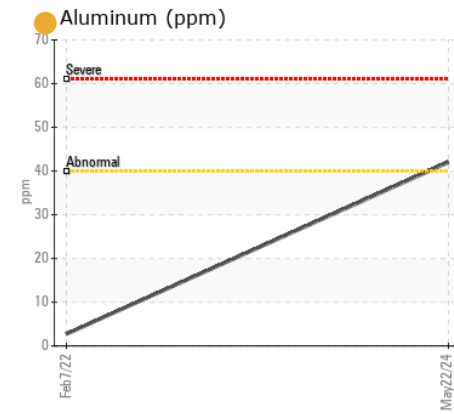
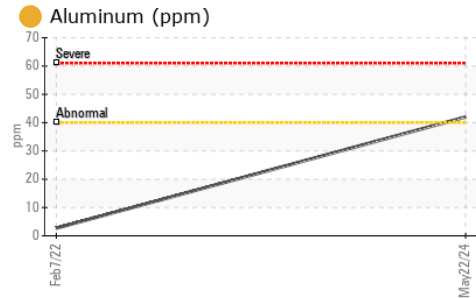
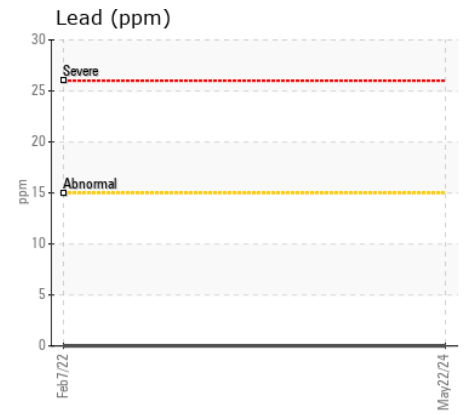
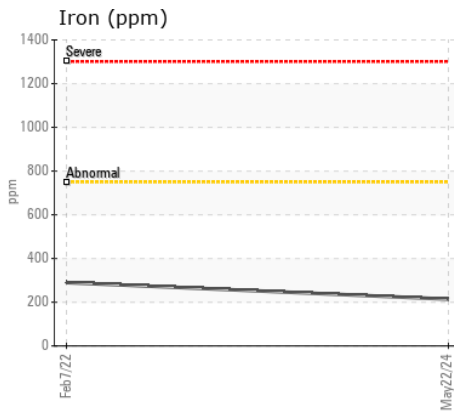
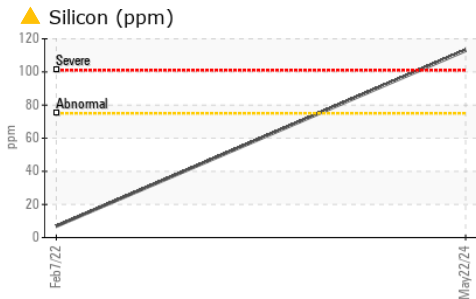
Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Silicon	ppm	ASTM D5185m	>75	▲ 113	7	---
Potassium	ppm	ASTM D5185m	>20	20	7	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	MODER	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	7	---
Boron	ppm	ASTM D5185m		15	35	---
Barium	ppm	ASTM D5185m		4	34	---
Molybdenum	ppm	ASTM D5185m		<1	0	---
Manganese	ppm	ASTM D5185m		3	5	---
Magnesium	ppm	ASTM D5185m		30	7	---
Calcium	ppm	ASTM D5185m		72	39	---
Phosphorus	ppm	ASTM D5185m		349	549	---
Zinc	ppm	ASTM D5185m		19	88	---
Sulfur	ppm	ASTM D5185m		21212	16791	---
Visc @ 40°C	cSt	ASTM D445		136	130	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0126157 **Received** : 28 May 2024
Lab Number : 06192498 **Tested** : 30 May 2024
Unique Number : 11049250 **Diagnosed** : 30 May 2024 - Sean Felton
Test Package : MOBCE (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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