



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[W66545]

Machine Id

JOHN DEERE 333G 1T0333GMTLF389489

Component

Right Final Drive

Fluid

GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0206643	JR0142239	---
Sample Date		Client Info		24 Apr 2024	14 Oct 2022	---
Machine Age	hrs	Client Info		1597	874	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	N/A	---
Filter Changed		Client Info		Not Changd	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	332	35	---
Iron	ppm	ASTM D5185m	>750	1550	710	---
Chromium	ppm	ASTM D5185m	>9	15	7	---
Nickel	ppm	ASTM D5185m	>10	8	<1	---
Titanium	ppm	ASTM D5185m		1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	19	13	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	0	1	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	HEAVY	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

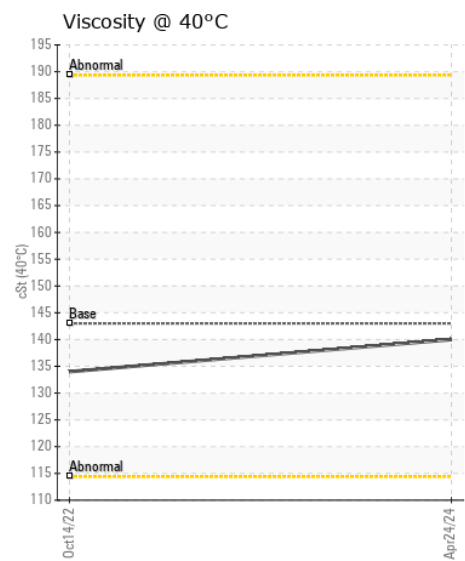
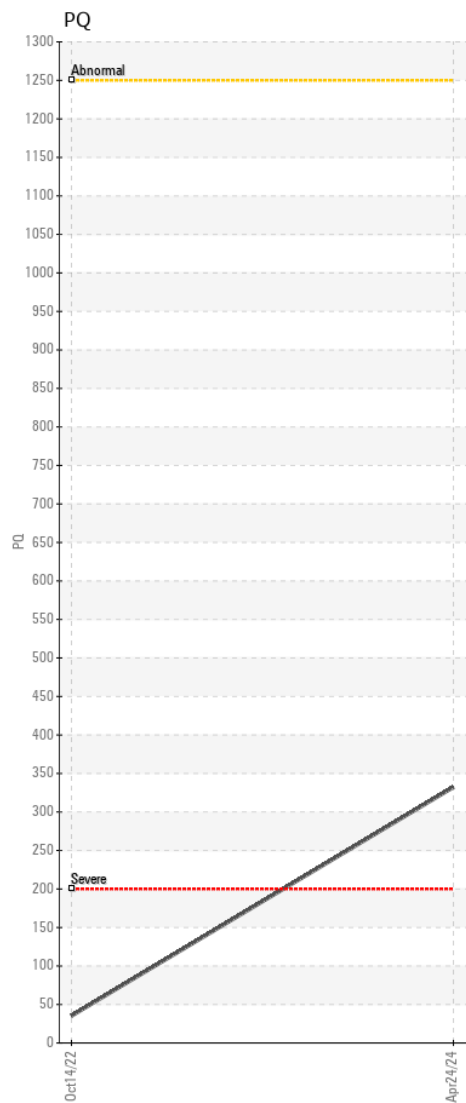
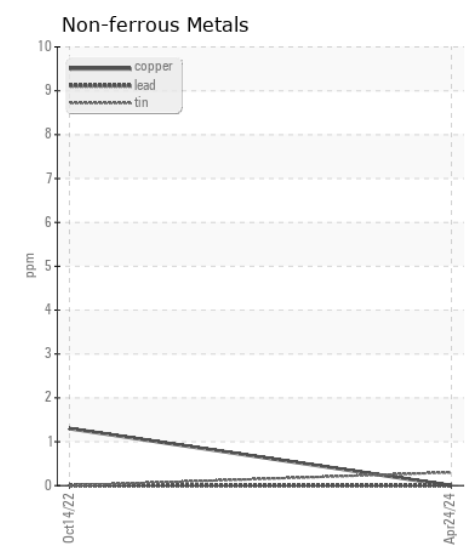
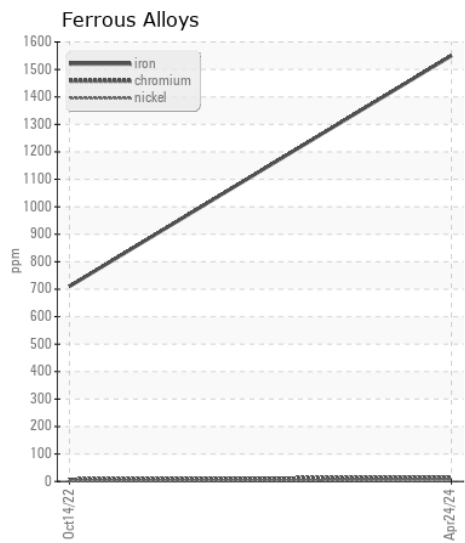
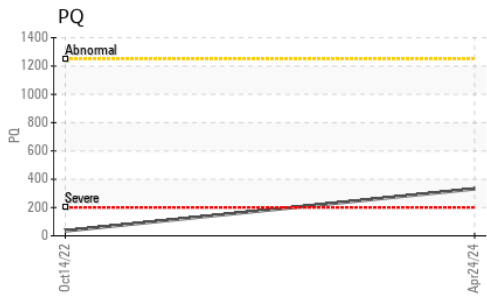
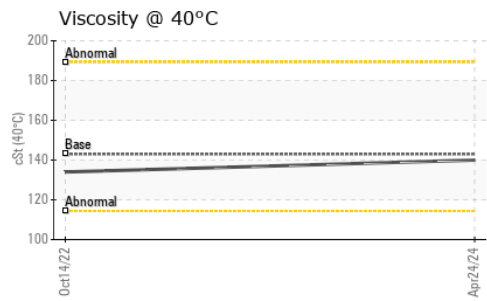
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	54	32	---
Potassium	ppm	ASTM D5185m	>20	5	9	---
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	>170	1	0	---
Boron	ppm	ASTM D5185m	400	19	22	---
Barium	ppm	ASTM D5185m	200	12	5	---
Molybdenum	ppm	ASTM D5185m	12	<1	2	---
Manganese	ppm	ASTM D5185m		13	6	---
Magnesium	ppm	ASTM D5185m	12	5	5	---
Calcium	ppm	ASTM D5185m	150	13	21	---
Phosphorus	ppm	ASTM D5185m	1650	303	378	---
Zinc	ppm	ASTM D5185m	125	13	25	---
Sulfur	ppm	ASTM D5185m	22500	21476	23466	---
Visc @ 40°C	cSt	ASTM D445	143	140	134	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0206643
Lab Number : 06160653
Unique Number : 10996076
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
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 myoung@jamesriverequipment.com
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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)