



WEAR
CONTAMINATION
FLUID CONDITION

ABNORMAL

NORMAL

NORMAL

Machine Id
JOHN DEERE 724 P 1DW724PACPLX19758
Component
Front Axle
Fluid
TDH FLUID SAE 75W80 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0223114	JR0187368	---
Sample Date		Client Info		19 Jun 2024	25 Oct 2023	---
Machine Age	hrs	Client Info		1370	738	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	ABNORMAL	---

WEAR

Bearing and/or bushing wear is indicated. All other component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		25	23	---
Iron	ppm	ASTM D5185m	>750	94	86	---
Chromium	ppm	ASTM D5185m	>11	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>21	<1	<1	---
Lead	ppm	ASTM D5185m	>49	▲ 88	▲ 76	---
Copper	ppm	ASTM D5185m	>101	▲ 373	▲ 273	---
Tin	ppm	ASTM D5185m	>10	▲ 24	17	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

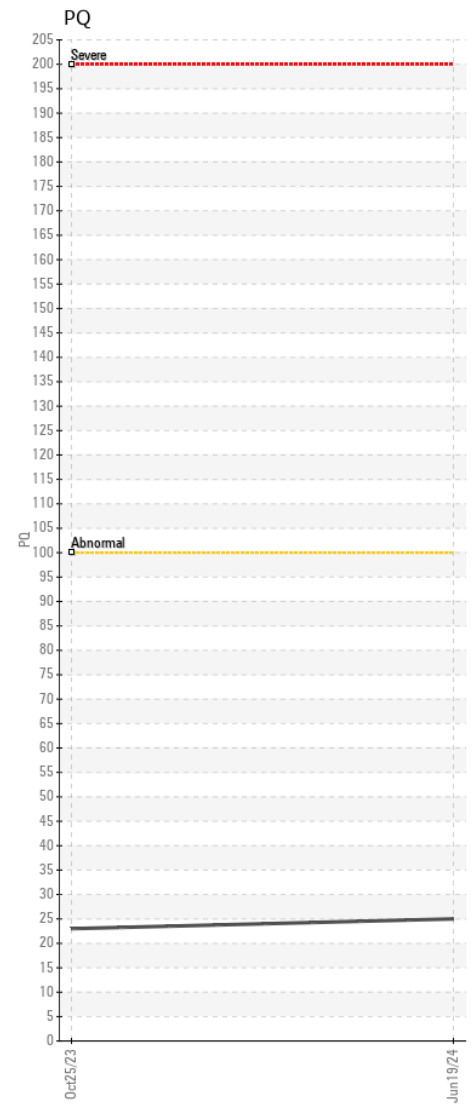
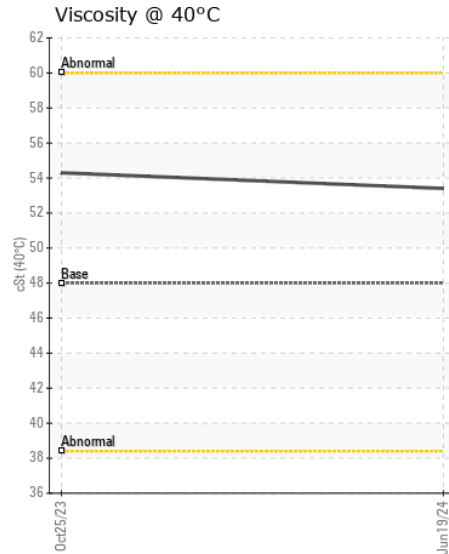
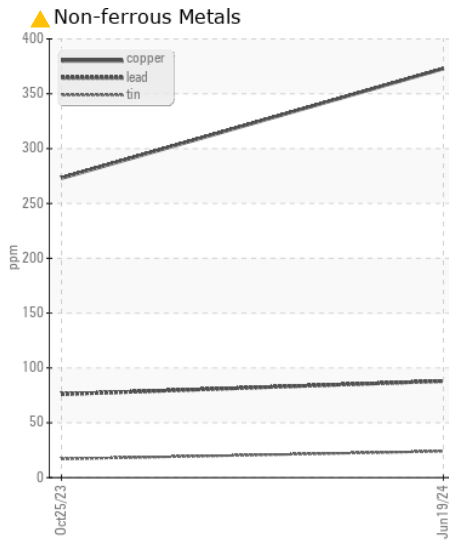
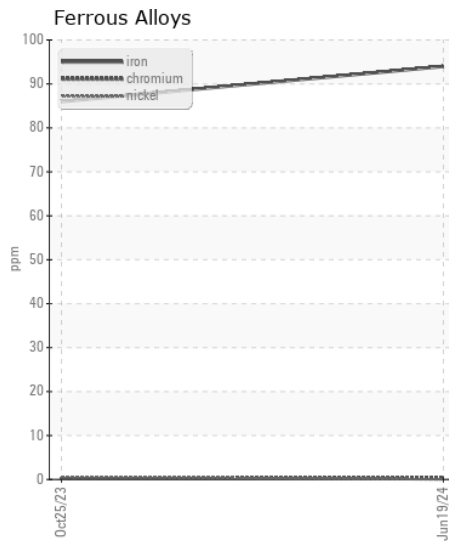
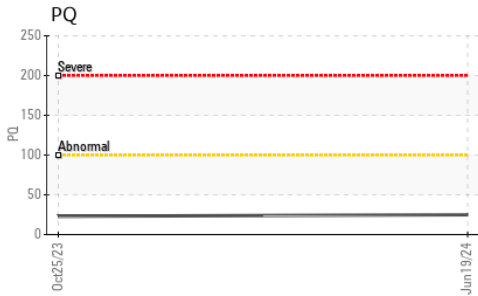
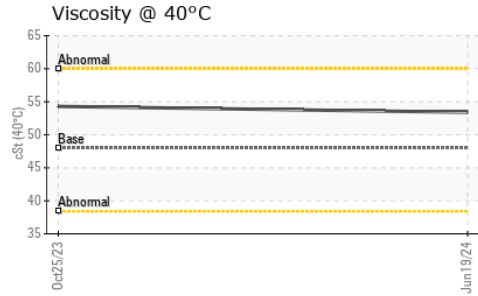
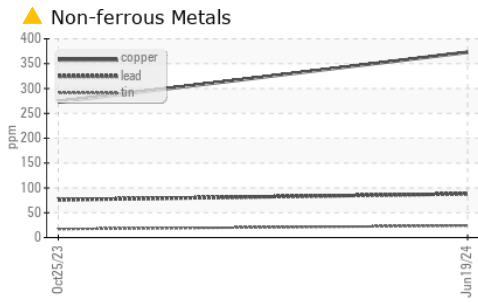
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>31	6	7	---
Potassium	ppm	ASTM D5185m	>20	1	1	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>51	8	4	---
Boron	ppm	ASTM D5185m	10	2	0	---
Barium	ppm	ASTM D5185m	10	4	4	---
Molybdenum	ppm	ASTM D5185m	10	5	0	---
Manganese	ppm	ASTM D5185m		2	3	---
Magnesium	ppm	ASTM D5185m	100	89	100	---
Calcium	ppm	ASTM D5185m	3500	3270	3433	---
Phosphorus	ppm	ASTM D5185m	1150	998	1071	---
Zinc	ppm	ASTM D5185m	1150	1116	1246	---
Sulfur	ppm	ASTM D5185m	5000	3907	3854	---
Visc @ 40°C	cSt	ASTM D445	48	53.4	54.3	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0223114 **Received** : 20 Jun 2024
Lab Number : 06215994 **Tested** : 22 Jun 2024
Unique Number : 11088858 **Diagnosed** : 23 Jun 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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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)