



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[A35382]

Machine Id
JOHN DEERE 950K 1T0950KXJPF446417

Component
Left Inner Final Drive

Fluid
JOHN DEERE HY-GARD HYDRAULIC/RANSMISSION (1 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: A35382)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0007735	WE0006628	---
Sample Date		Client Info		29 May 2024	27 Feb 2024	---
Machine Age	hrs	Client Info		1875	1470	---
Oil Age	hrs	Client Info		863	1470	---
Filter Age	hrs	Client Info		863	1470	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		Changed	None	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	16	19	---
Iron	ppm	ASTM D5185m	>750	16	13	---
Chromium	ppm	ASTM D5185m	>9	<1	0	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	<1	<1	---
Lead	ppm	ASTM D5185m	>15	0	<1	---
Copper	ppm	ASTM D5185m	>40	0	0	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

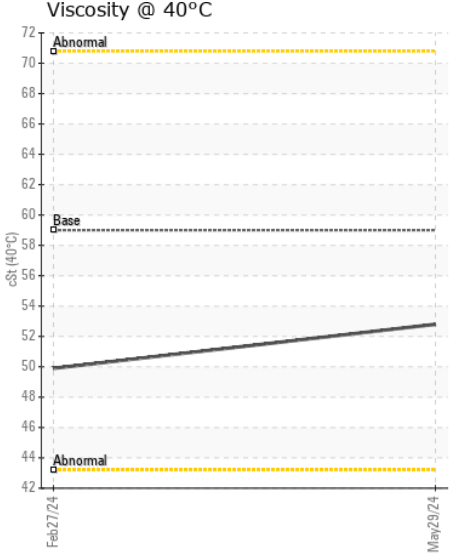
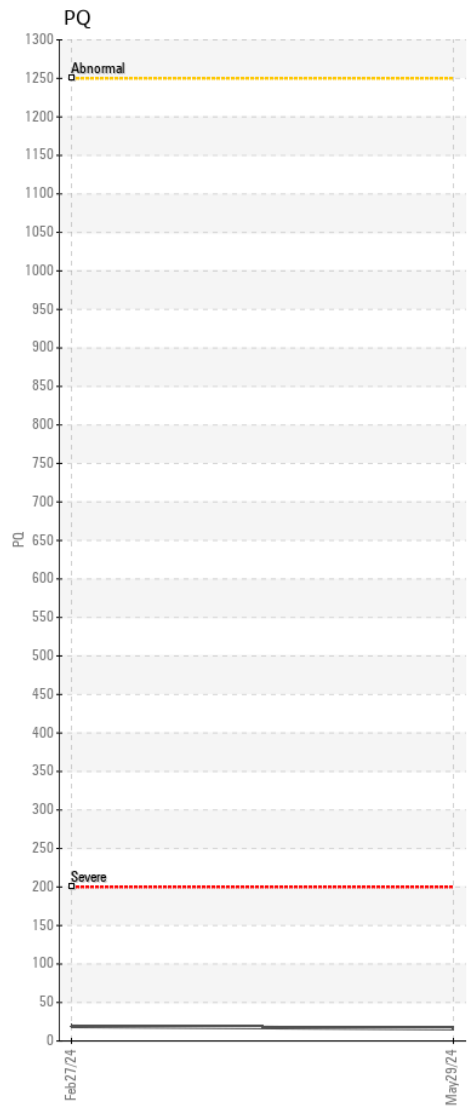
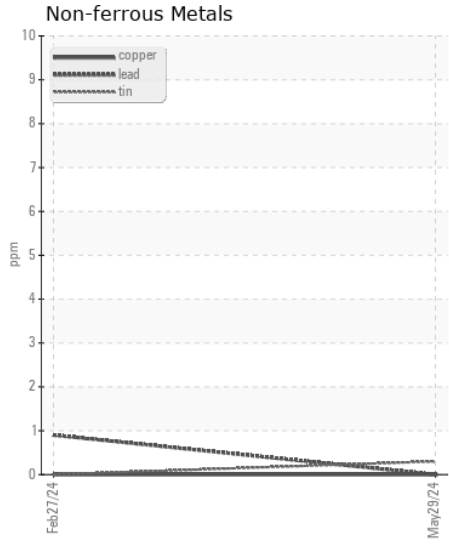
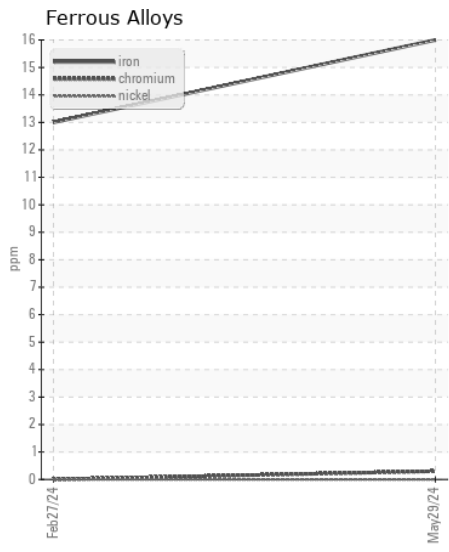
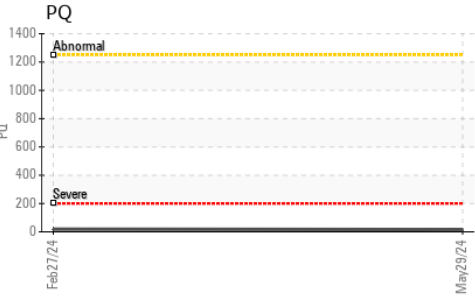
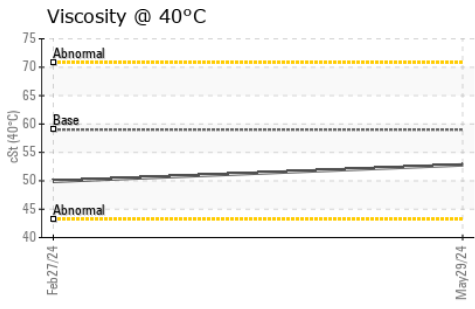
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	9	8	---
Potassium	ppm	ASTM D5185m	>20	0	0	---
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	2	2	---
Boron	ppm	ASTM D5185m		<1	<1	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		4	0	---
Manganese	ppm	ASTM D5185m		<1	0	---
Magnesium	ppm	ASTM D5185m		110	94	---
Calcium	ppm	ASTM D5185m		3497	3267	---
Phosphorus	ppm	ASTM D5185m		1133	1004	---
Zinc	ppm	ASTM D5185m		1282	1187	---
Sulfur	ppm	ASTM D5185m		4288	3267	---
Visc @ 40°C	cSt	ASTM D445	59	52.8	49.9	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0007735 **Received** : 31 May 2024
Lab Number : 06196985 **Tested** : 03 Jun 2024
Unique Number : 11059108 **Diagnosed** : 04 Jun 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

WARRIOR TRACTOR AND EQUIPMENT - HUNTSVILLE
 25135 ONE AVIATION WAY SW
 MADISON, AL
 US 35756
 Contact: BOBBY LUCKY
 warriorparts033@gmail.com

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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F: