



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 844L 1DW844LXPNL715296
 Component
Rear Axle
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0004677	WE0003226	---
Sample Date		Client Info		16 Oct 2023	25 Mar 2023	---
Machine Age	hrs	Client Info		1337	528	---
Oil Age	hrs	Client Info		0	528	---
Filter Age	hrs	Client Info		0	528	---
Oil Changed		Client Info		Not Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		69	149	---
Iron	ppm	ASTM D5185m	>750	111	145	---
Chromium	ppm	ASTM D5185m	>11	<1	2	---
Nickel	ppm	ASTM D5185m	>10	2	2	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>21	1	2	---
Lead	ppm	ASTM D5185m	>49	6	3	---
Copper	ppm	ASTM D5185m	>101	100	74	---
Tin	ppm	ASTM D5185m	>10	3	3	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

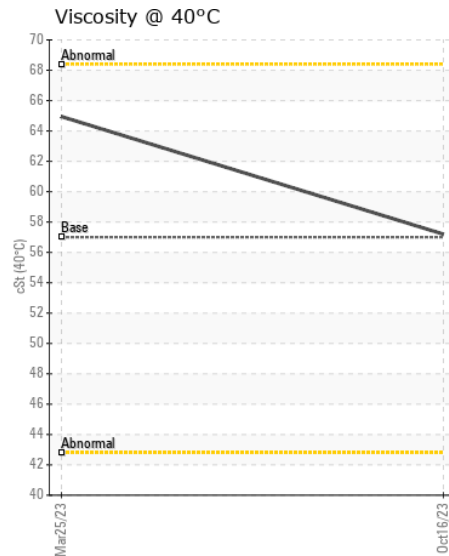
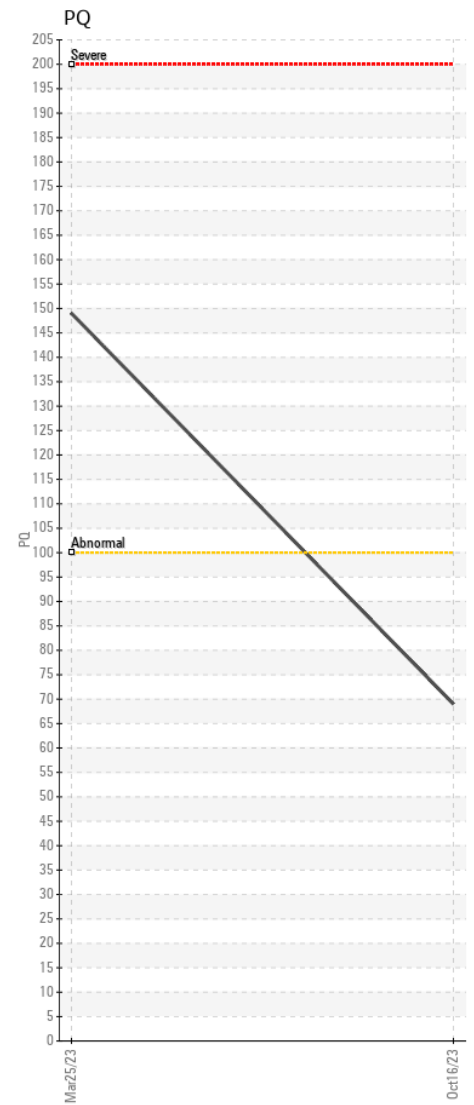
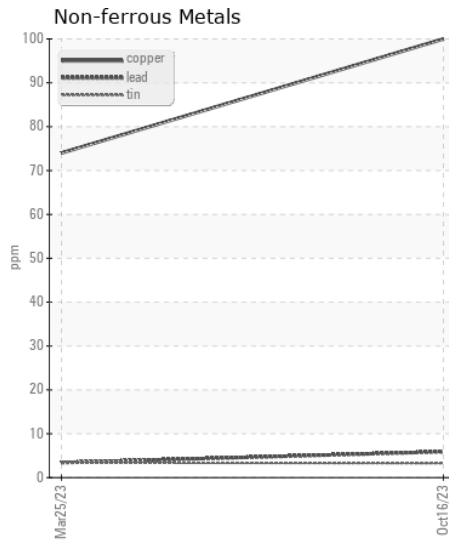
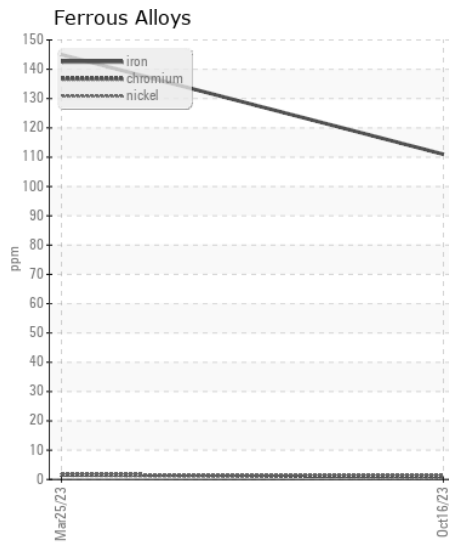
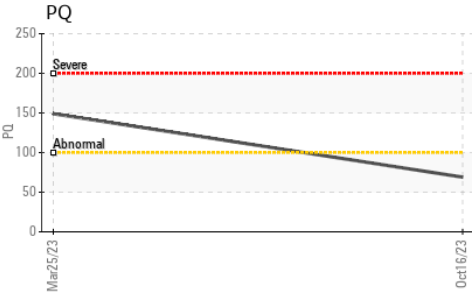
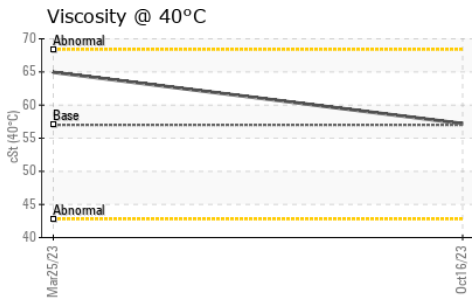
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	13	10	---
Potassium	ppm	ASTM D5185m	>20	0	2	---
Water		WC Method	>0.1	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	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	6	15	---
Boron	ppm	ASTM D5185m	6	34	98	---
Barium	ppm	ASTM D5185m	0	0	0	---
Molybdenum	ppm	ASTM D5185m	0	0	<1	---
Manganese	ppm	ASTM D5185m		20	40	---
Magnesium	ppm	ASTM D5185m	145	84	17	---
Calcium	ppm	ASTM D5185m	3570	3491	3318	---
Phosphorus	ppm	ASTM D5185m	1290	1067	1093	---
Zinc	ppm	ASTM D5185m	1640	1356	1413	---
Sulfur	ppm	ASTM D5185m		3886	3668	---
Visc @ 40°C	cSt	ASTM D445	57.0	57.2	64.95	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WE0004677

Lab Number : 05988368

Unique Number : 10711030

Test Package : CONST (Additional Tests: PQ)

Received : 24 Oct 2023

Tested : 26 Oct 2023

Diagnosed : 26 Oct 2023 - Don Baldrige

WARRIOR TRACTOR AND EQUIPMENT - GRAYSVILLE

4308 WATER TRAIL

GRAYSVILLE, AL

US 35073

Contact: LERAE REGAN

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T: (205)488-4472

F:

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)