



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 260E 1DW260ETKKF697901
 Component
Front Axle
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0214252	JR0200984	---
Sample Date		Client Info		24 May 2024	04 Apr 2024	---
Machine Age	hrs	Client Info		3377	3336	---
Oil Age	hrs	Client Info		39	0	---
Filter Age	hrs	Client Info		39	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		120	111	---
Iron	ppm	ASTM D5185m	>1501	134	253	---
Chromium	ppm	ASTM D5185m	>11	2	<1	---
Nickel	ppm	ASTM D5185m	>10	4	2	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>21	2	<1	---
Lead	ppm	ASTM D5185m	>51	<1	0	---
Copper	ppm	ASTM D5185m	>101	48	85	---
Tin	ppm	ASTM D5185m	>10	2	3	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

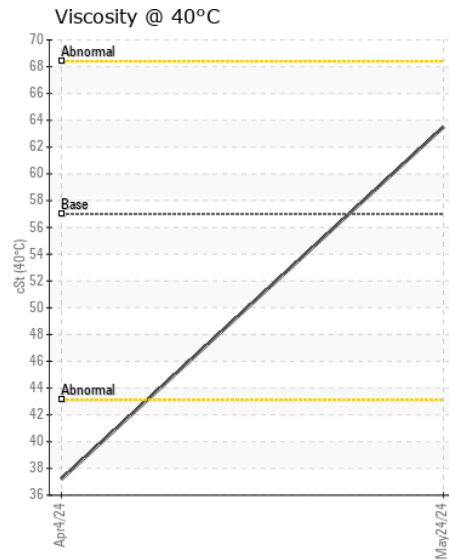
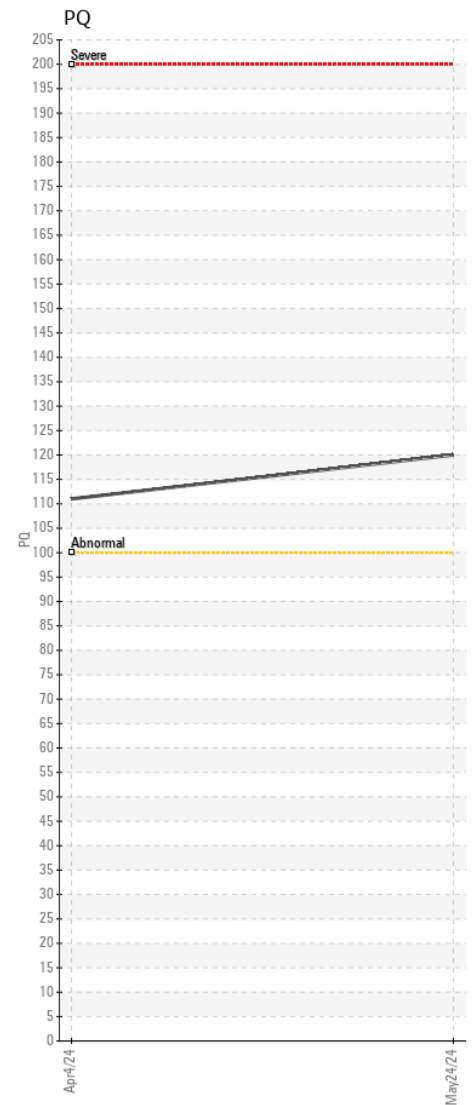
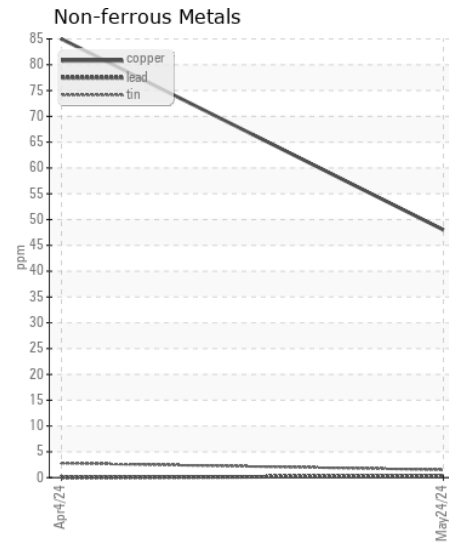
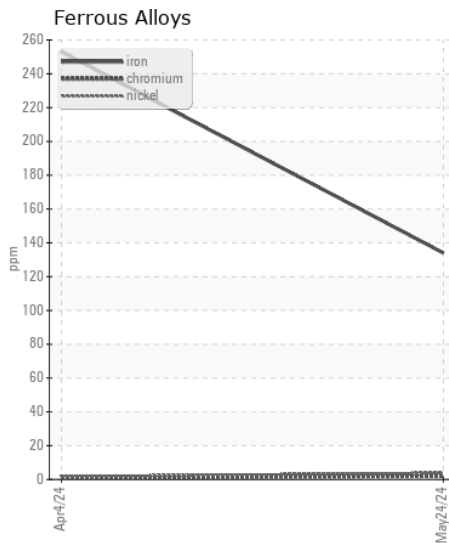
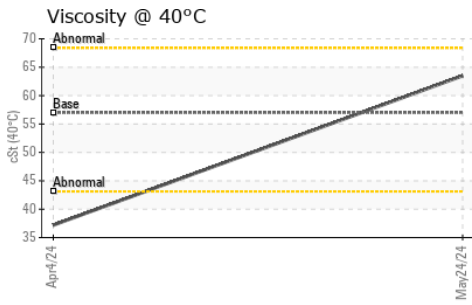
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	17	12	---
Potassium	ppm	ASTM D5185m	>20	3	0	---
Water		WC Method	>0.1	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	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	15	5	---
Boron	ppm	ASTM D5185m	6	112	28	---
Barium	ppm	ASTM D5185m	0	0	2	---
Molybdenum	ppm	ASTM D5185m	0	<1	3	---
Manganese	ppm	ASTM D5185m		42	25	---
Magnesium	ppm	ASTM D5185m	145	15	15	---
Calcium	ppm	ASTM D5185m	3570	3422	2267	---
Phosphorus	ppm	ASTM D5185m	1290	1179	796	---
Zinc	ppm	ASTM D5185m	1640	1398	930	---
Sulfur	ppm	ASTM D5185m		3723	2885	---
Visc @ 40°C	cSt	ASTM D445	57.0	63.5	37.2	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0214252 **Received** : 28 May 2024
Lab Number : 06192506 **Tested** : 30 May 2024
Unique Number : 11049258 **Diagnosed** : 30 May 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - NEW BERN
 3816 MARTIN LUTHER KING BLVD
 NEW BERN, NC
 US 28562
 Contact: NEW BERN SHOP
 nick.etherdridge@jamesriverequipment.com; canastasio@wearcheckusa.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: