



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
IVAN CONTRERAS [G14903]
 Machine Id
JOHN DEERE B07117
 Component
Center 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		WE0007169	---	---
Sample Date		Client Info		20 Apr 2024	---	---
Machine Age	hrs	Client Info		446	---	---
Oil Age	hrs	Client Info		446	---	---
Filter Age	hrs	Client Info		446	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		203	---	---
Iron	ppm	ASTM D5185m	>750	186	---	---
Chromium	ppm	ASTM D5185m	>11	2	---	---
Nickel	ppm	ASTM D5185m	>10	9	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>21	3	---	---
Lead	ppm	ASTM D5185m	>49	0	---	---
Copper	ppm	ASTM D5185m	>101	79	---	---
Tin	ppm	ASTM D5185m	>10	4	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

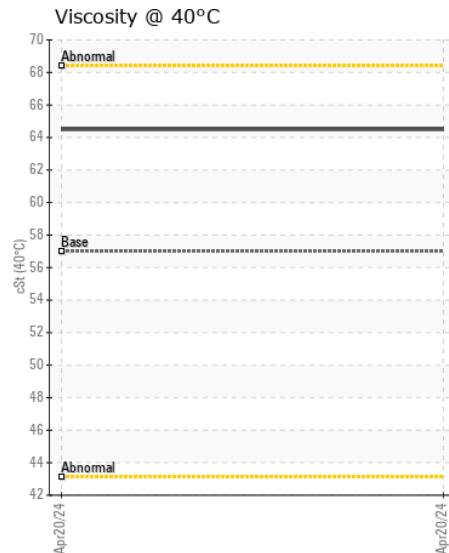
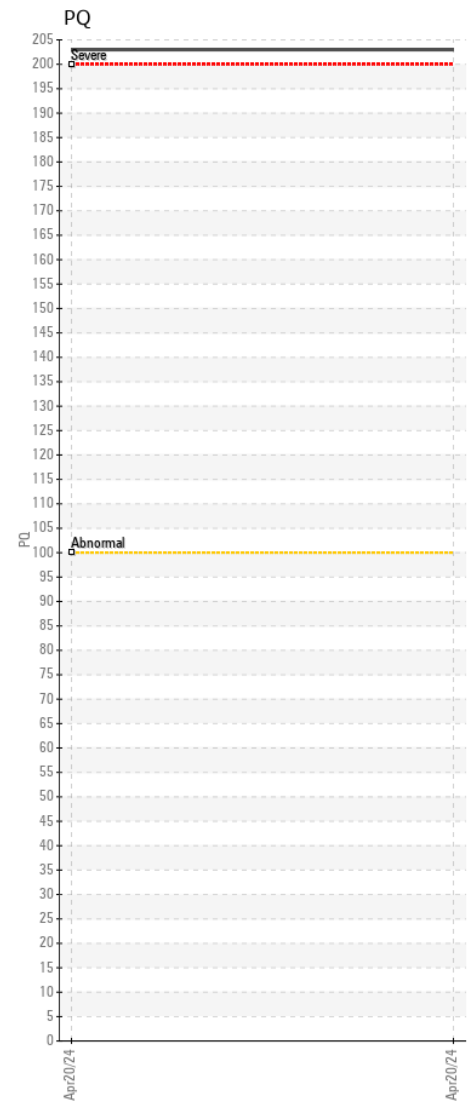
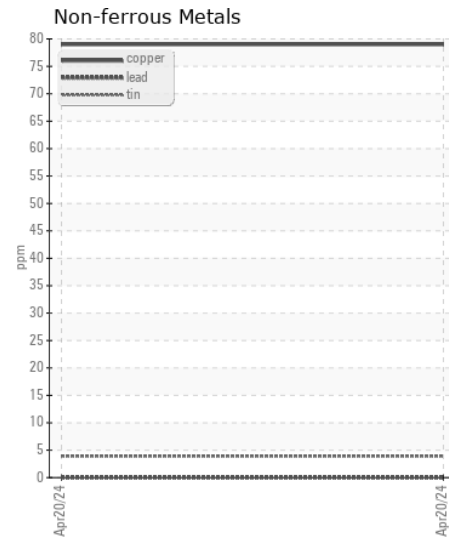
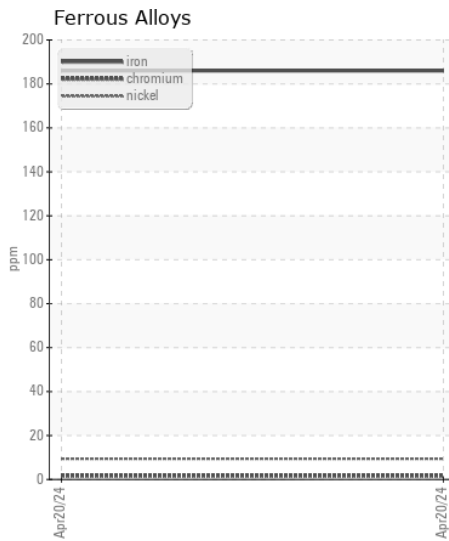
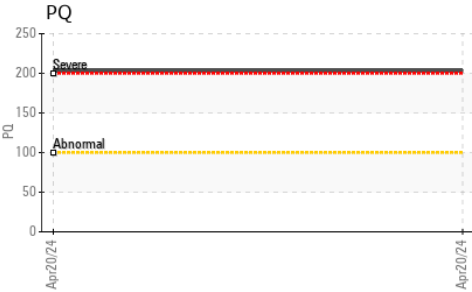
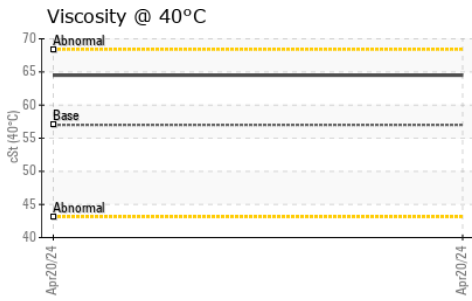
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	17	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	*Visual	NONE	LIGHT	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	22	---	---
Boron	ppm	ASTM D5185m	6	113	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	0	0	---	---
Manganese	ppm	ASTM D5185m		29	---	---
Magnesium	ppm	ASTM D5185m	145	8	---	---
Calcium	ppm	ASTM D5185m	3570	3692	---	---
Phosphorus	ppm	ASTM D5185m	1290	1230	---	---
Zinc	ppm	ASTM D5185m	1640	1463	---	---
Sulfur	ppm	ASTM D5185m		3536	---	---
Visc @ 40°C	cSt	ASTM D445	57.0	64.5	---	---



Certificate L2367

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

Sample No. : WE0007169

Lab Number : 06159396

Unique Number : 10994819

Test Package : CONST (Additional Tests: PQ)

Received : 24 Apr 2024

Tested : 25 Apr 2024

Diagnosed : 26 Apr 2024 - Sean Felton

WARRIOR TRACTOR AND EQUIPMENT - GRAYSVILLE

4308 WATER TRAIL

GRAYSVILLE, AL

US 35073

Contact: BEN BYRKET

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T: (205)675-9045

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)