



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Area
MICHEAL KELLER [A34389]
 Machine Id
200 GLC (S/N 1FF200GAHPF000049)
 Component
Pump Drive
 Fluid
JOHN DEERE GL-5 80W90 (2 GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: A34389)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0006041	---	---
Sample Date		Client Info		10 Jan 2024	---	---
Machine Age	hrs	Client Info		565	---	---
Oil Age	hrs	Client Info		565	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ATTENTION	---	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		16	---	---
Iron	ppm	ASTM D5185m	>500	50	---	---
Chromium	ppm	ASTM D5185m	>15	1	---	---
Nickel	ppm	ASTM D5185m	>10	0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>20	4	---	---
Lead	ppm	ASTM D5185m		0	---	---
Copper	ppm	ASTM D5185m	>35	2	---	---
Tin	ppm	ASTM D5185m	>4	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

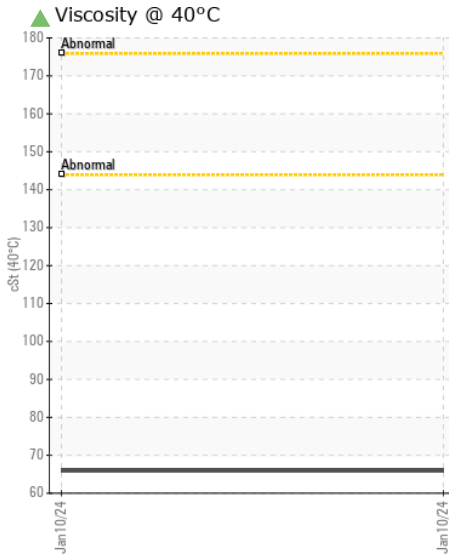
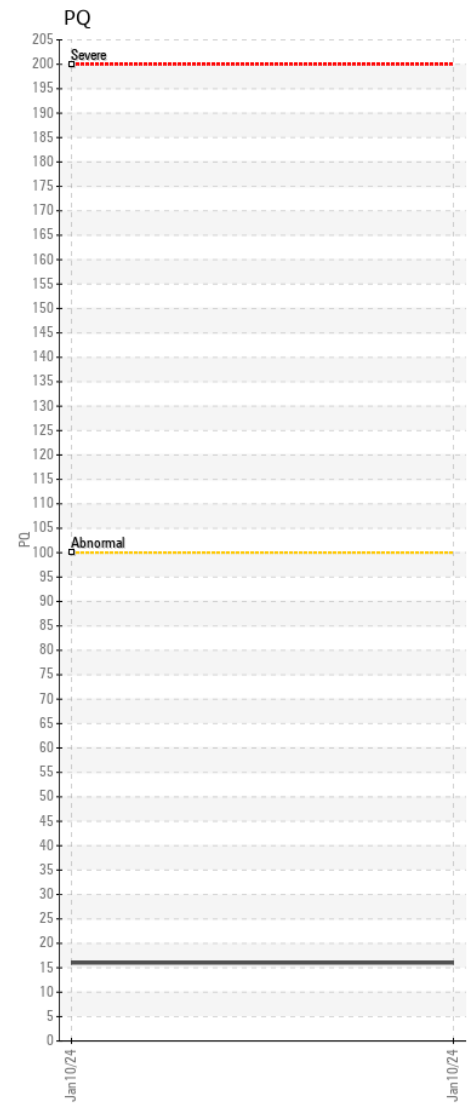
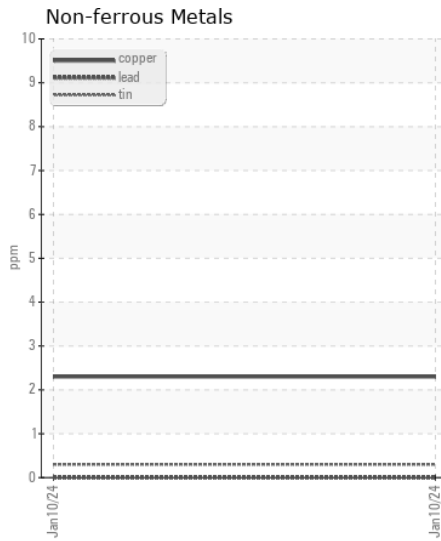
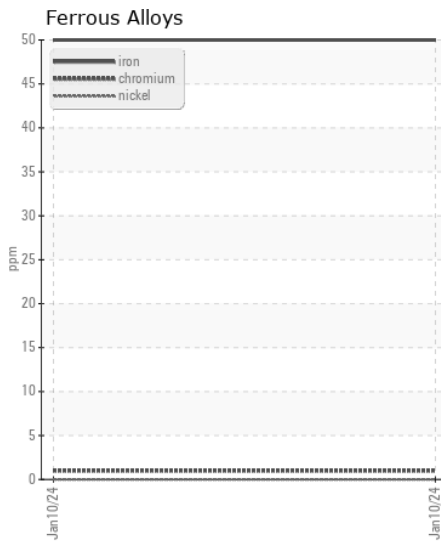
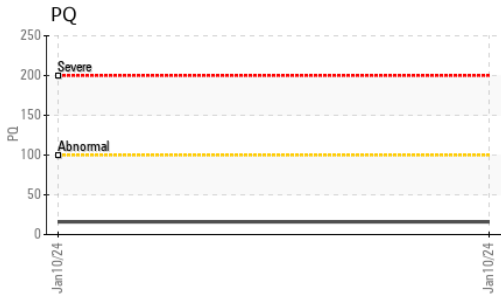
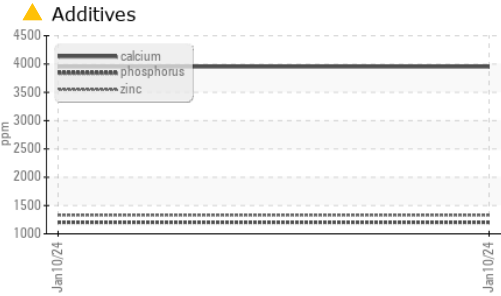
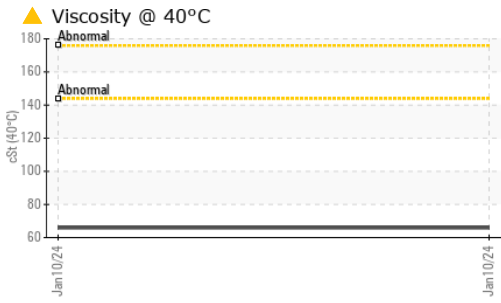
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	14	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water		WC Method	>0.2	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
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	>0.2	NEG	---	---

FLUID CONDITION

The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Sodium	ppm	ASTM D5185m		4	---	---
Boron	ppm	ASTM D5185m		58	---	---
Barium	ppm	ASTM D5185m		6	---	---
Molybdenum	ppm	ASTM D5185m		▲ 104	---	---
Manganese	ppm	ASTM D5185m		2	---	---
Magnesium	ppm	ASTM D5185m		16	---	---
Calcium	ppm	ASTM D5185m		▲ 3952	---	---
Phosphorus	ppm	ASTM D5185m		▲ 1203	---	---
Zinc	ppm	ASTM D5185m		▲ 1330	---	---
Sulfur	ppm	ASTM D5185m		▲ 7007	---	---
Visc @ 40°C	cSt	ASTM D445		▲ 65.9	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0006041 **Received** : 12 Jan 2024
Lab Number : 06059544 **Diagnosed** : 16 Jan 2024
Unique Number : 10830926 **Diagnostician** : Jonathan Hester
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: