



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[16W16023]
 Machine Id
JOHN DEERE 750K C9010101 (S/N 1T0750KXLEE264667)
 Component
Right Inner Final Drive
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (4 GAL)

RECOMMENDATION

(Customer Sample Comment: 16W16023)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0196410	JR0168161	---
Sample Date		Client Info		11 Apr 2024	19 Apr 2023	---
Machine Age	hrs	Client Info		10979	9515	---
Oil Age	hrs	Client Info		1976	2000	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

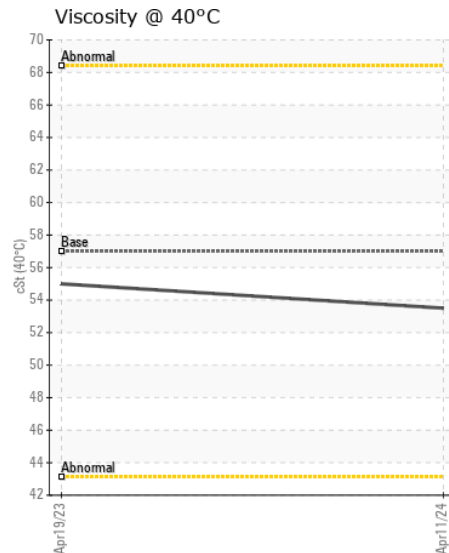
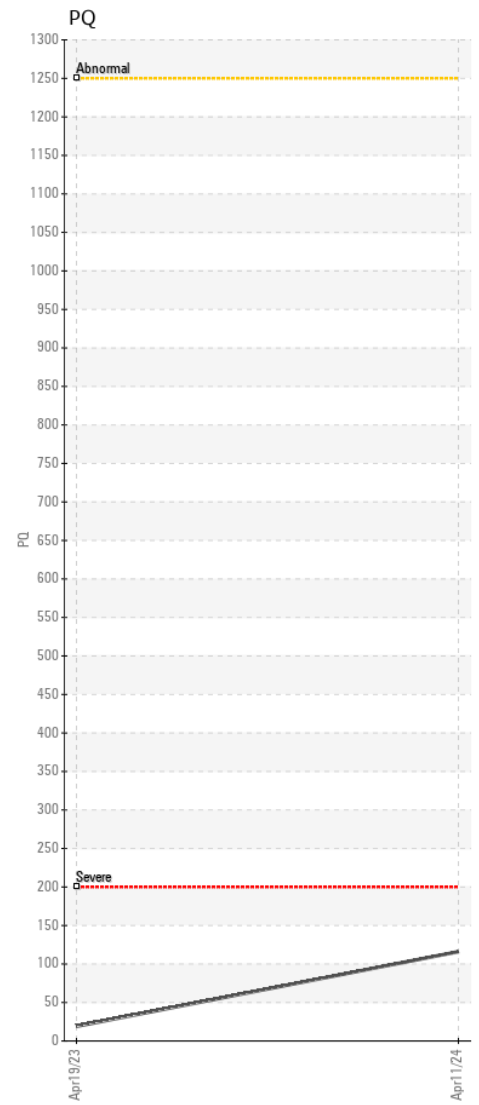
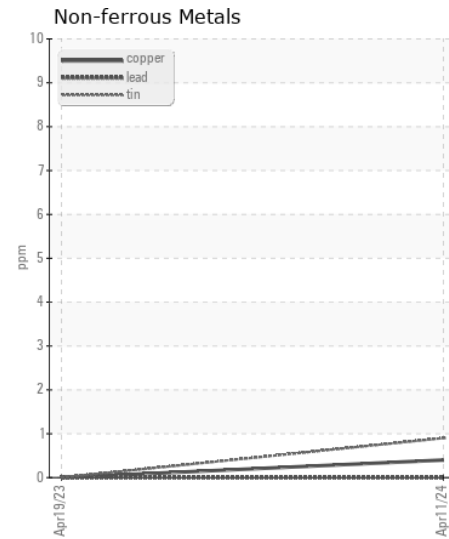
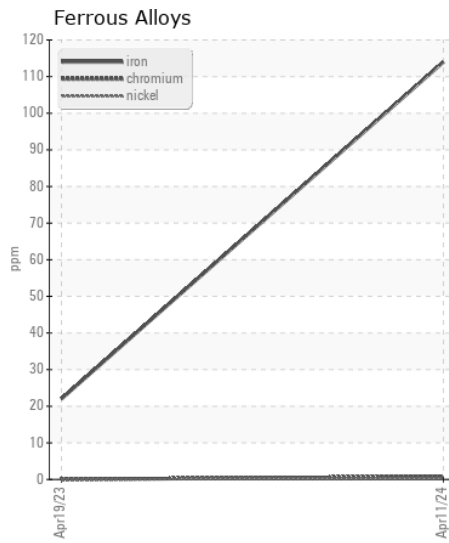
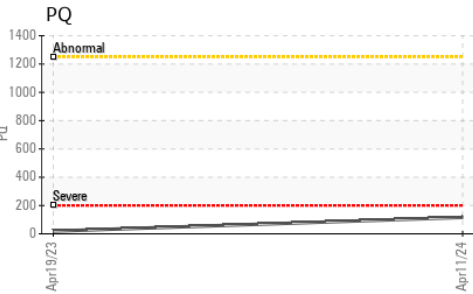
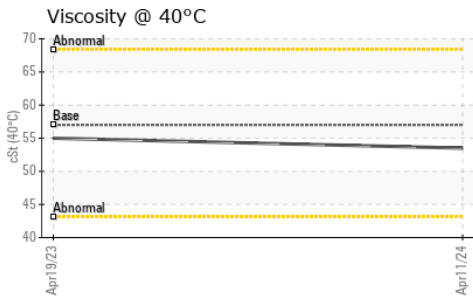
PQ		ASTM D8184	>1250	116	19	---
Iron	ppm	ASTM D5185m	>750	114	22	---
Chromium	ppm	ASTM D5185m	>9	<1	0	---
Nickel	ppm	ASTM D5185m	>10	<1	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	<1	<1	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	<1	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

Silicon	ppm	ASTM D5185m	>75	10	7	---
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	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	---

FLUID CONDITION

Sodium	ppm	ASTM D5185m	>51	2	0	---
Boron	ppm	ASTM D5185m	6	31	34	---
Barium	ppm	ASTM D5185m	0	0	0	---
Molybdenum	ppm	ASTM D5185m	0	23	26	---
Manganese	ppm	ASTM D5185m		1	<1	---
Magnesium	ppm	ASTM D5185m	145	147	178	---
Calcium	ppm	ASTM D5185m	3570	2938	3359	---
Phosphorus	ppm	ASTM D5185m	1290	902	1032	---
Zinc	ppm	ASTM D5185m	1640	1027	1278	---
Sulfur	ppm	ASTM D5185m		3544	3790	---
Visc @ 40°C	cSt	ASTM D445	57.0	53.5	55.0	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0196410 **Received** : 15 Apr 2024
Lab Number : 06149634 **Tested** : 16 Apr 2024
Unique Number : 10979712 **Diagnosed** : 18 Apr 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

CONTI ENTERPRISES INC
 2045 LINCOLN HWY
 EDISON, NJ
 US 08817

Contact: SEAN RIDGEWAY
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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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