



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 3 - Norton
Machine Id
JOHN DEERE 750K D14 (S/N 1T0750KXCJF329221)
Component
Rear Left Final Drive
Fluid
GEAR OIL SAE 90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0049315	LEC0040105	---
Sample Date		Client Info		14 Jun 2024	10 Apr 2023	---
Machine Age	hrs	Client Info		4797	3942	---
Oil Age	hrs	Client Info		1000	1000	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	55	99	---
Iron	ppm	ASTM D5185m	>750	78	228	---
Chromium	ppm	ASTM D5185m	>9	0	2	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	1	6	---
Lead	ppm	ASTM D5185m	>15	0	5	---
Copper	ppm	ASTM D5185m	>40	0	<1	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

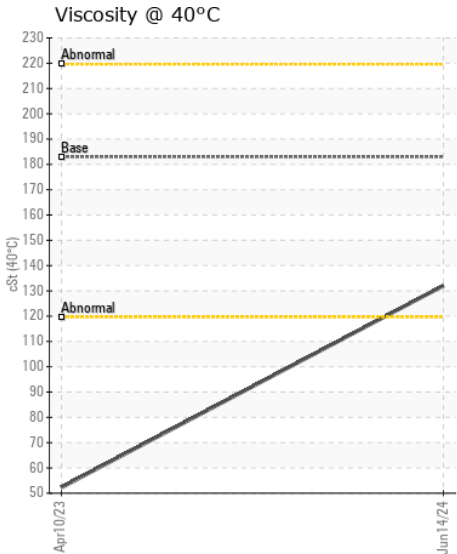
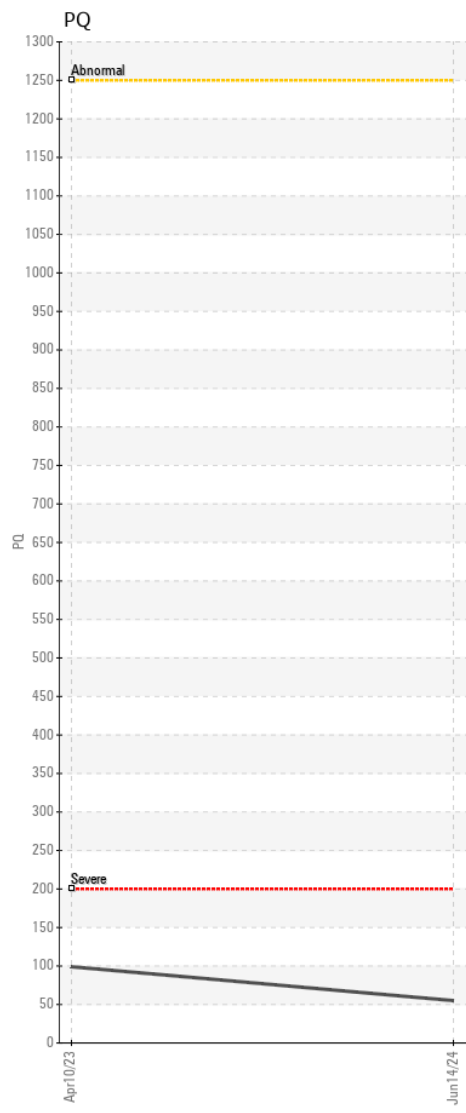
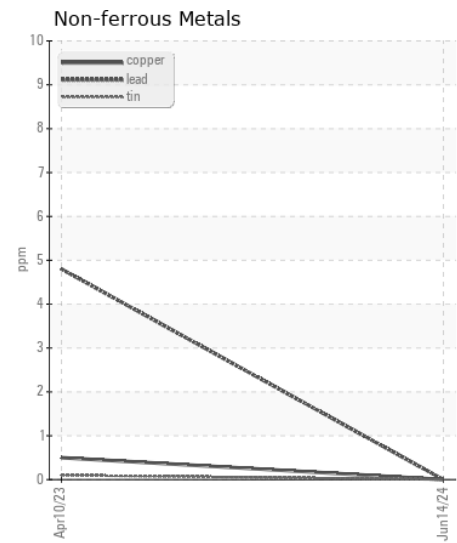
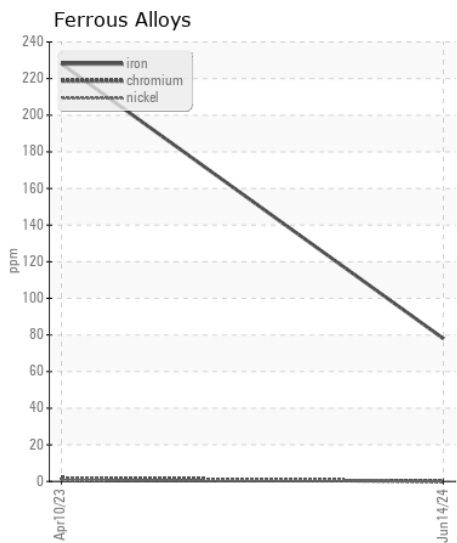
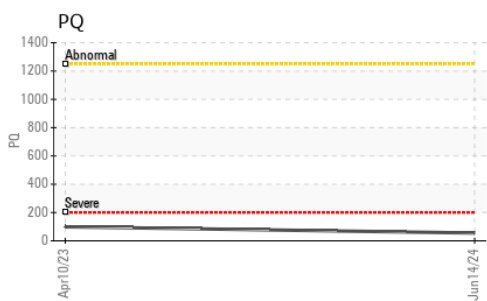
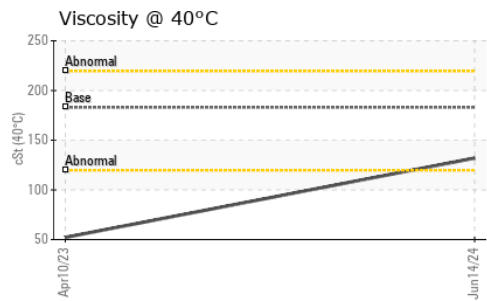
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	6	23	---
Potassium	ppm	ASTM D5185m	>20	<1	4	---
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

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

Sodium	ppm	ASTM D5185m	>51	2	2	---
Boron	ppm	ASTM D5185m	400	105	5	---
Barium	ppm	ASTM D5185m	200	0	0	---
Molybdenum	ppm	ASTM D5185m	12	0	<1	---
Manganese	ppm	ASTM D5185m		1	2	---
Magnesium	ppm	ASTM D5185m	12	5	96	---
Calcium	ppm	ASTM D5185m	150	68	3160	---
Phosphorus	ppm	ASTM D5185m	1650	1056	1038	---
Zinc	ppm	ASTM D5185m	125	42	1229	---
Sulfur	ppm	ASTM D5185m	22500	22044	5388	---
Visc @ 40°C	cSt	ASTM D445	183	132	52.2	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0049315 **Received** : 03 Jul 2024
Lab Number : 06227744 **Tested** : 05 Jul 2024
Unique Number : 11111237 **Diagnosed** : 05 Jul 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

LANE PIPELINE
 2946 E MAIN ST
 BRIDGEPORT, WV
 US 26330

Contact: JESSE WILBURN
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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)