



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 3 - Norton
Machine Id
JOHN DEERE 748LII 1DW748LBEKF696892
Component
Rear Differential
Fluid
{not provided} (8 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0006803	---	---
Sample Date		Client Info		30 Dec 2019	---	---
Machine Age	hrs	Client Info		540	---	---
Oil Age	hrs	Client Info		540	---	---
Filter Age	hrs	Client Info		540	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		47	---	---
Iron	ppm	ASTM D5185m	>1501	113	---	---
Chromium	ppm	ASTM D5185m	>11	<1	---	---
Nickel	ppm	ASTM D5185m		1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>21	<1	---	---
Lead	ppm	ASTM D5185m	>51	2	---	---
Copper	ppm	ASTM D5185m	>101	8	---	---
Tin	ppm	ASTM D5185m		0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

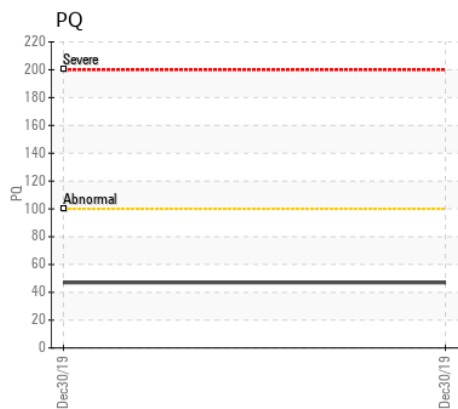
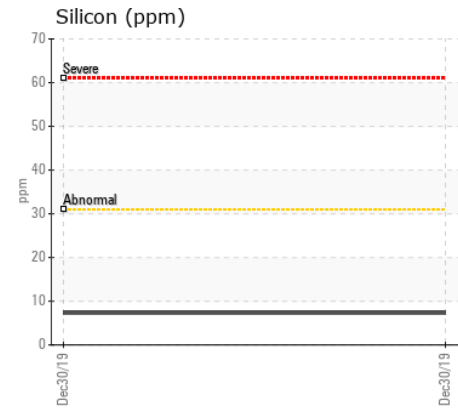
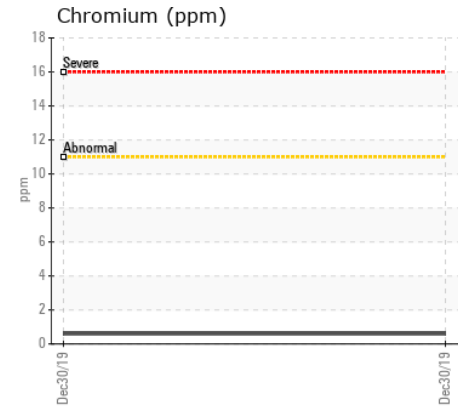
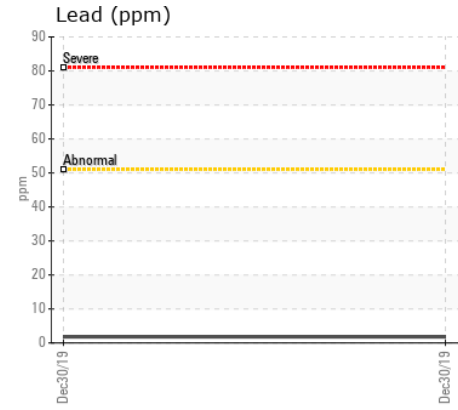
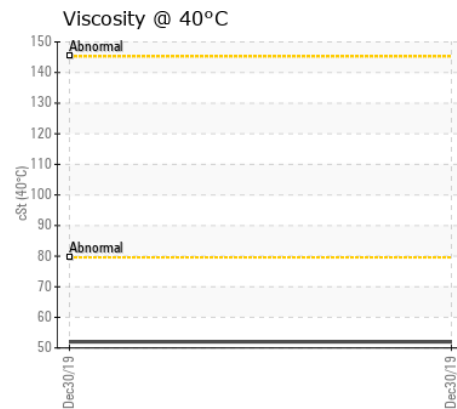
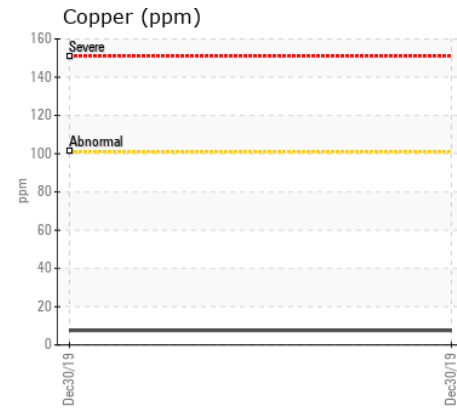
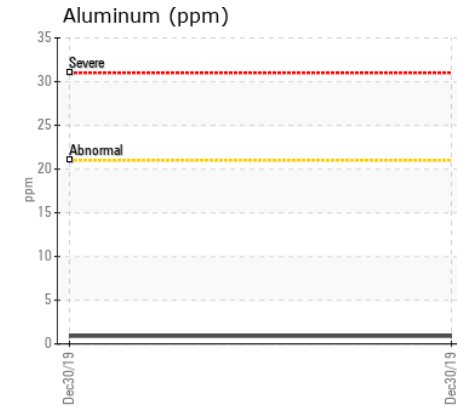
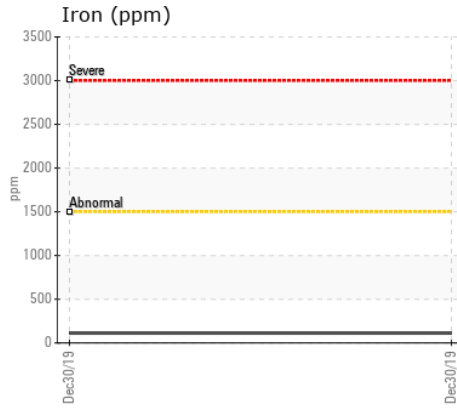
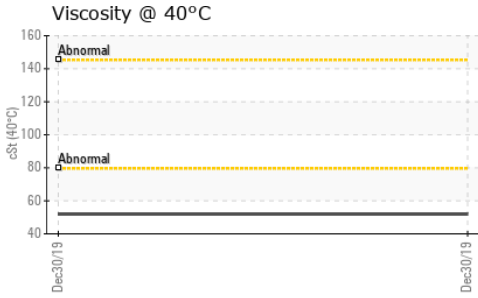
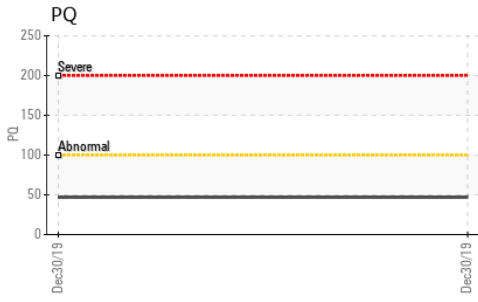
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	7	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water		WC Method	>0.1	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	>0.1	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	5	---	---
Boron	ppm	ASTM D5185m		3	---	---
Barium	ppm	ASTM D5185m		6	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		4	---	---
Magnesium	ppm	ASTM D5185m		100	---	---
Calcium	ppm	ASTM D5185m		3655	---	---
Phosphorus	ppm	ASTM D5185m		993	---	---
Zinc	ppm	ASTM D5185m		1244	---	---
Sulfur	ppm	ASTM D5185m		3035	---	---
Visc @ 40°C	cSt	ASTM D445		52.0	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0006803 **Received** : 03 Jan 2020
Lab Number : 04879590 **Tested** : 06 Jan 2020
Unique Number : 8869628 **Diagnosed** : 06 Jan 2020 - Don Baldrige
Test Package : MOBCE (Additional Tests: PQ)

FOX LBR CO
 PO BOX 418
 MILL CREEK, WV
 US 26280
 Contact: STEVE FOX

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)

T: (304)335-6108

F: