



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Store 3 - Norton

Machine Id
JOHN DEERE 700K LGP SB6 (S/N DE240882)

Component
Transmission

Fluid
JOHN DEERE HYDRAU (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0049276	LEC0039949	LEC0015609
Sample Date		Client Info		03 May 2024	14 Feb 2023	27 Aug 2020
Machine Age	hrs	Client Info		2047	1574	1193
Oil Age	hrs	Client Info		2047	500	1193
Filter Age	hrs	Client Info		500	500	500
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Changed	Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		14	13	13
Iron	ppm	ASTM D5185m	>200	0	2	2
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>50	<1	1	0
Lead	ppm	ASTM D5185m	>50	1	3	<1
Copper	ppm	ASTM D5185m	>200	2	4	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

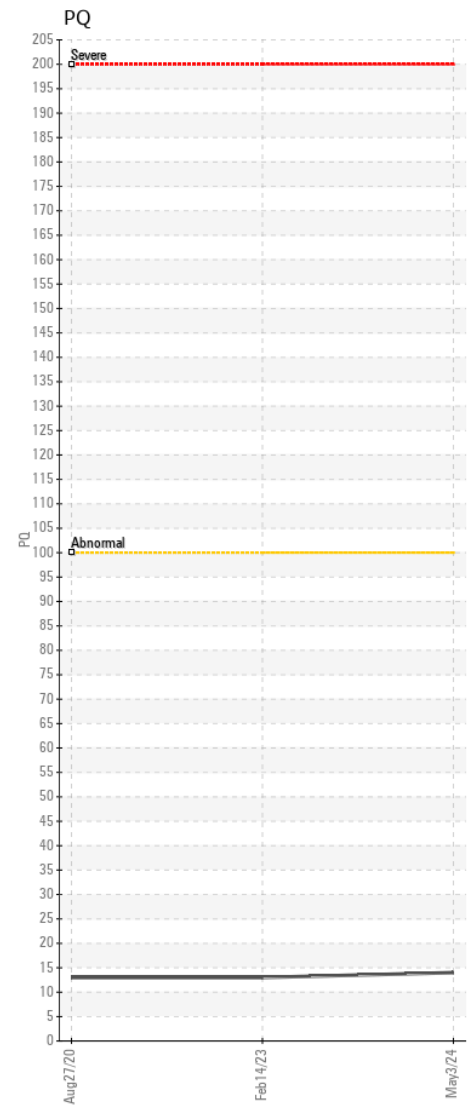
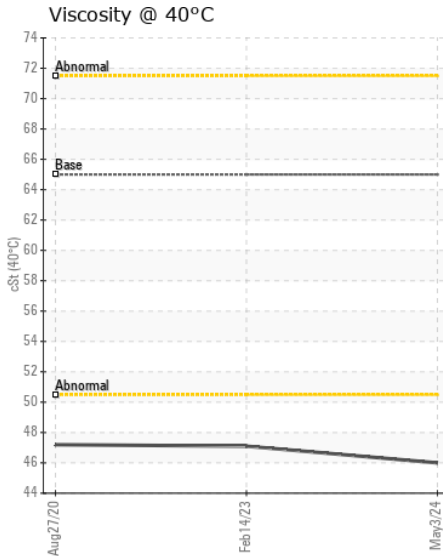
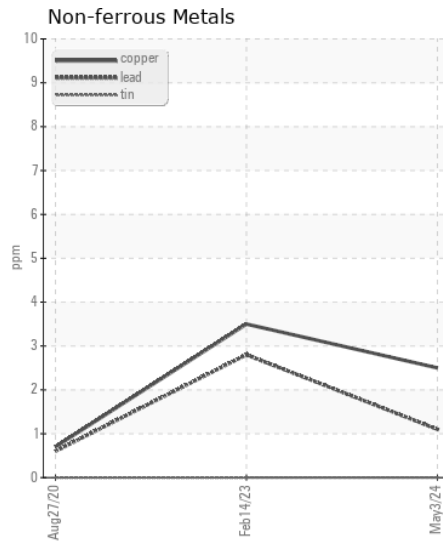
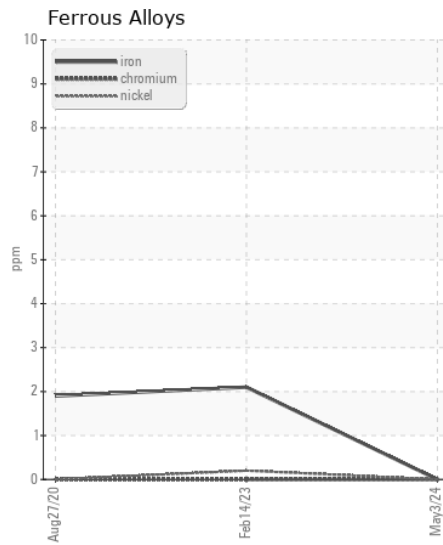
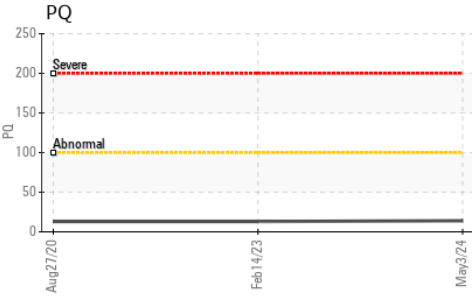
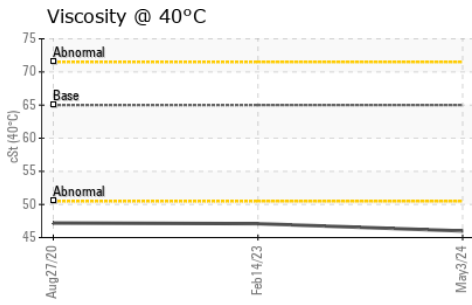
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	3	2	2
Potassium	ppm	ASTM D5185m	>20	<1	1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<1	0	<1
Boron	ppm	ASTM D5185m		31	38	35
Barium	ppm	ASTM D5185m		0	3	0
Molybdenum	ppm	ASTM D5185m		10	13	10
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		66	68	52
Calcium	ppm	ASTM D5185m	87	282	309	201
Phosphorus	ppm	ASTM D5185m	727	236	192	142
Zinc	ppm	ASTM D5185m	900	181	129	84
Sulfur	ppm	ASTM D5185m	1500	1021	840	587
Visc @ 40°C	cSt	ASTM D445	65	46.0	47.1	47.2



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0049276 **Received** : 03 Jul 2024
Lab Number : 06227704 **Tested** : 05 Jul 2024
Unique Number : 11111197 **Diagnosed** : 06 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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)

LANE PIPELINE
 2946 E MAIN ST
 BRIDGEPORT, WV
 US 26330

Contact: JESSE WILBURN
jessewilburn@gmail.com

T: (740)440-0927

F: