



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
John Deere 300D II 1DW300DXVEE662204
Component
Center Left Final Drive
Fluid
JOHN DEERE GL-5 85W140LS (4 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0216104	LECP0007382	LECP184538
Sample Date		Client Info		17 Jun 2024	26 Nov 2019	04 May 2019
Machine Age	hrs	Client Info		8471	5290	4347
Oil Age	hrs	Client Info		4347	1000	649
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	25	27	63
Iron	ppm	ASTM D5185m	>750	86	29	85
Chromium	ppm	ASTM D5185m	>9	<1	<1	1
Nickel	ppm	ASTM D5185m	>10	<1	<1	1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	2	<1	2
Lead	ppm	ASTM D5185m	>15	0	<1	0
Copper	ppm	ASTM D5185m	>40	6	2	8
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

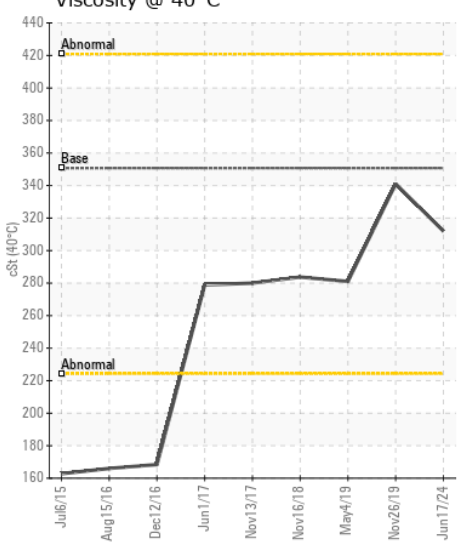
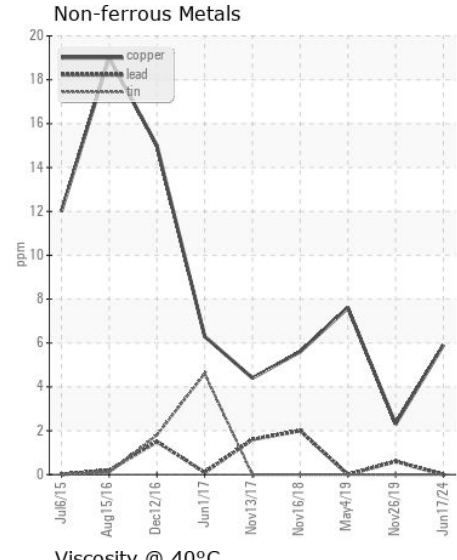
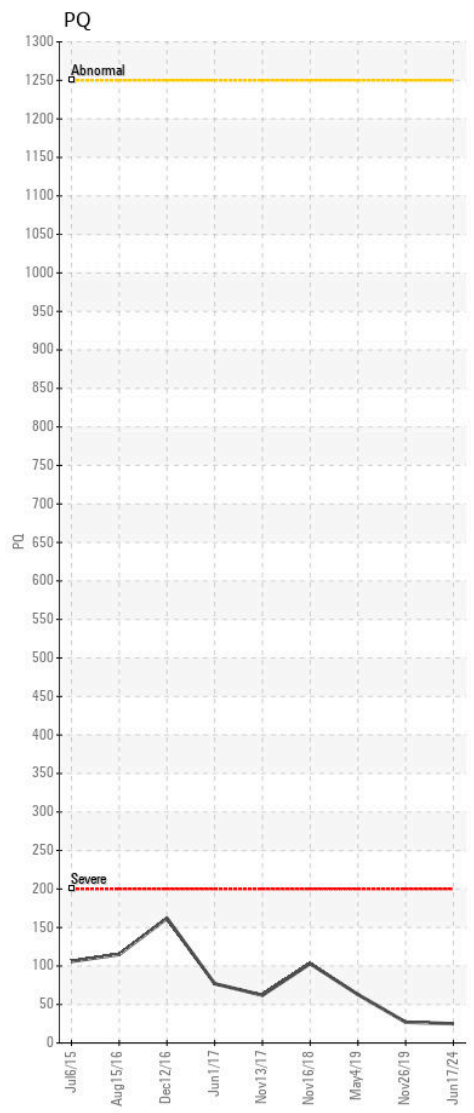
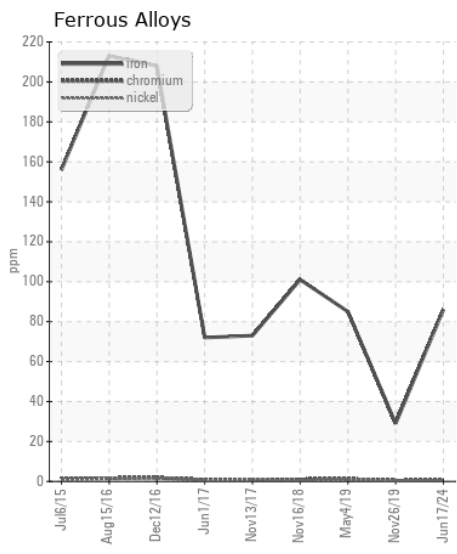
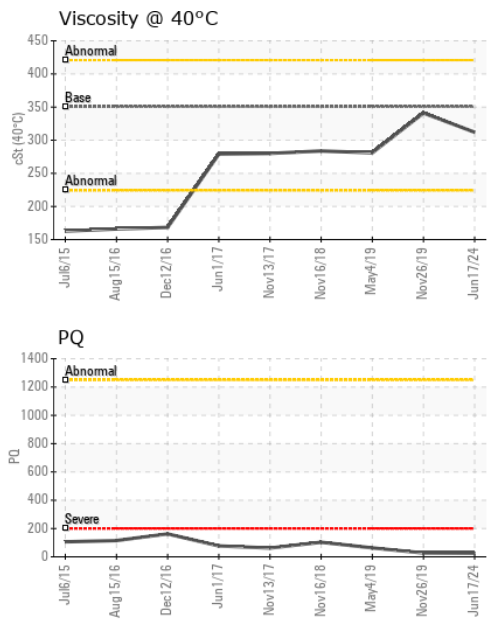
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	11	4	5
Potassium	ppm	ASTM D5185m	>20	1	1	2
Water		WC Method	>0.075	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	>0.075	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	5	2	2
Boron	ppm	ASTM D5185m		<1	2	2
Barium	ppm	ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		2	2	3
Manganese	ppm	ASTM D5185m		2	1	1
Magnesium	ppm	ASTM D5185m		0	0	2
Calcium	ppm	ASTM D5185m		67	39	139
Phosphorus	ppm	ASTM D5185m		2344	2054	1685
Zinc	ppm	ASTM D5185m		44	25	60
Sulfur	ppm	ASTM D5185m		31773	7807	20637
Visc @ 40°C	cSt	ASTM D445	350.7	312	341	281



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0216104 **Received** : 19 Jun 2024
Lab Number : 06214981 **Tested** : 20 Jun 2024
Unique Number : 11087845 **Diagnosed** : 20 Jun 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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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)