



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 300D 1DW300DXJEE660577
Component
Center Left Final Drive
Fluid
JOHN DEERE GL-5 80W90 (4 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0213149	JRmc415833	JRMC400211
Sample Date		Client Info		13 Jun 2024	15 Sep 2017	10 May 2016
Machine Age	hrs	Client Info		8984	4005	2238
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Changed	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	28	223
Iron	ppm	ASTM D5185m	>750	12	83	414
Chromium	ppm	ASTM D5185m	>9	<1	1	3
Nickel	ppm	ASTM D5185m	>10	<1	1	6
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	1	2	10
Lead	ppm	ASTM D5185m	>15	<1	1	<1
Copper	ppm	ASTM D5185m	>40	2	4	19
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	VHEVY
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

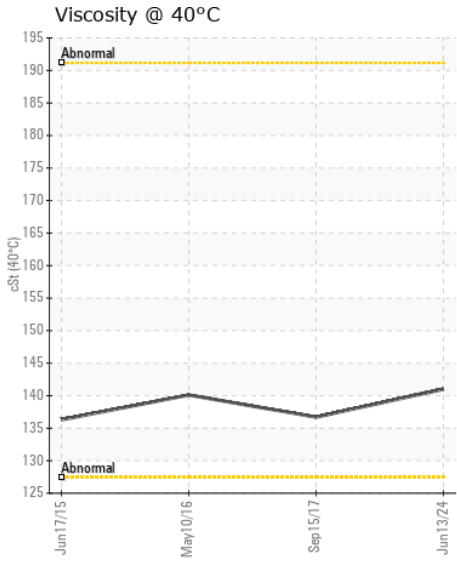
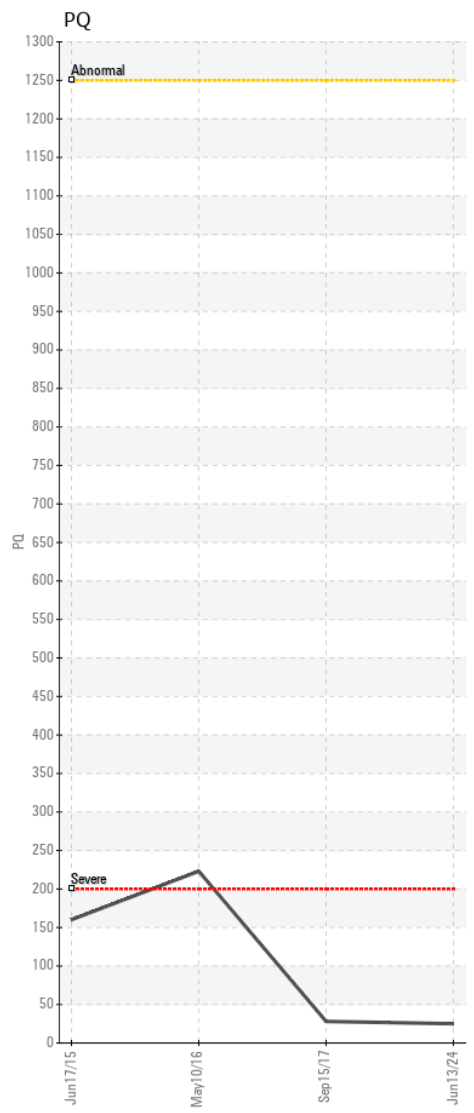
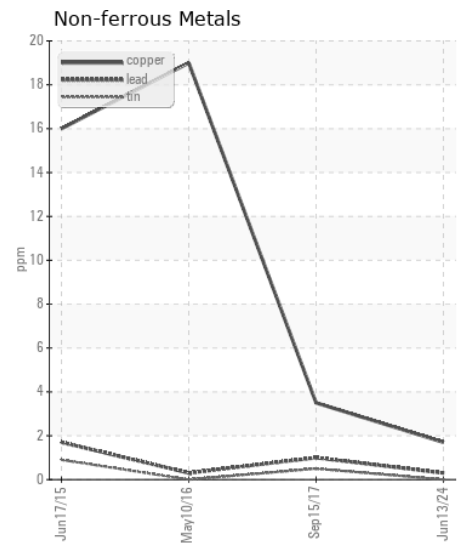
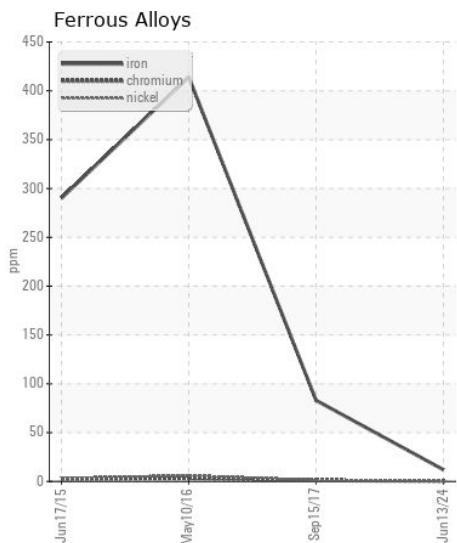
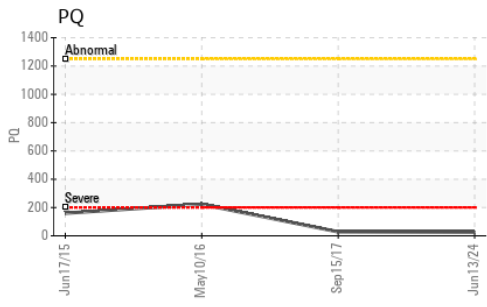
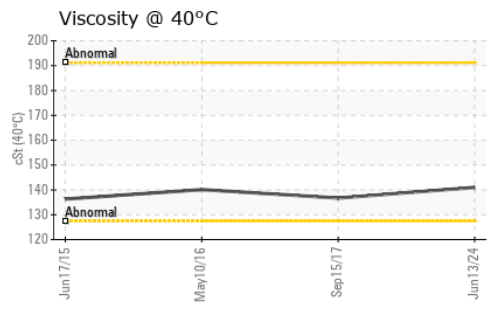
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>75	2	3	9
Potassium	ppm	ASTM D5185m	>20	<1	0	0
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
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	2	2	8
Boron	ppm	ASTM D5185m		14	156	7
Barium	ppm	ASTM D5185m		0	0	3
Molybdenum	ppm	ASTM D5185m		<1	2	5
Manganese	ppm	ASTM D5185m		<1	2	6
Magnesium	ppm	ASTM D5185m		3	0	4
Calcium	ppm	ASTM D5185m		0	11	37
Phosphorus	ppm	ASTM D5185m		952	1713	2144
Zinc	ppm	ASTM D5185m		9	11	38
Sulfur	ppm	ASTM D5185m		24559	10723	25400
Visc @ 40°C	cSt	ASTM D445		141	136.7	140.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213149 **Received** : 14 Jun 2024
Lab Number : 06210412 **Tested** : 18 Jun 2024
Unique Number : 11083276 **Diagnosed** : 18 Jun 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - GREENSBORO
 411 SOUTH REGIONAL ROAD
 GREENSBORO, NC
 US 27409
 Contact: NICK GALLAHER
 NGALLAHER@JRENET.COM
 T: (336)668-2762
 F: (336)665-9556

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)