WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

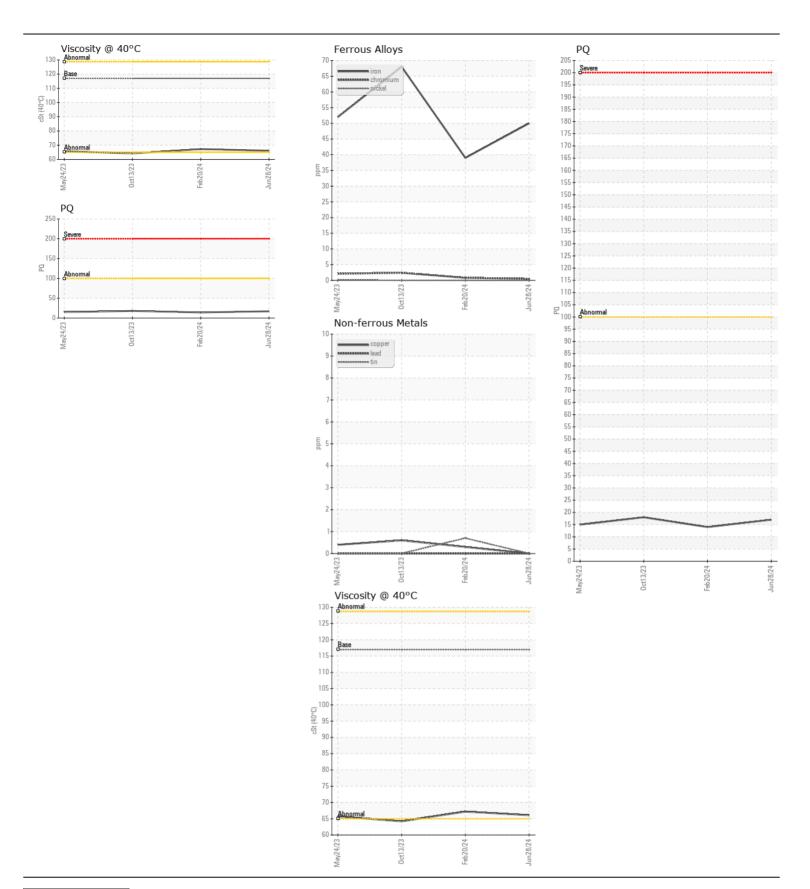
Machine Id

JOHN DEERE 300GLC PM071598 (S/N 1FF300GXLNF732203)

Rear Right Pump Drive

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (2 QTS)

Sample Number Client Info Sample Number Sample Number Client Info Sample Number No Solo No Solo No No No No No No No	JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (2 Q (S)						
Sample Date Client Info	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Client Info 23 Jun 2004 26 Feb 200 50 0 50 0 10 10 10 10 1	Resample at the next service interval to monitor.	Sample Number		Client Info		JR0219710	JR0192758	JR0188864
Di Age hrs Client Info 0 0 0 0 0 0 0 0 0		Sample Date		Client Info		28 Jun 2024	20 Feb 2024	13 Oct 2023
Filter Age		Machine Age	hrs	Client Info		2038	1450	500
		Oil Age	hrs	Client Info		1088	950	500
Filter Changed Client Info N/A NORMAL		-	hrs	Client Info		0	0	
NORMAL						Changed	Not Changd	Changed
PQ		_		Client Info			N/A	
Non		Sample Status				NORMAL	NORMAL	NORMAL
Chromium ppm ASTM DS185m >15 <1 <1 2 Nickel ppm ASTM DS185m >10 0 0 0 Titanium ppm ASTM DS185m >10 0 0 0 0 Titanium ppm ASTM DS185m >0 0 0 0 Aluminum ppm ASTM DS185m >20 5 3 3 Lead ppm ASTM DS185m >20 5 3 3 Lead ppm ASTM DS185m >20 5 3 3 Lead ppm ASTM DS185m >5 0 <1 <1 <1 Copper ppm ASTM DS185m >20 5 3 3 Lead ppm ASTM DS185m >3 0 0 0 0 Copper ppm ASTM DS185m >4 0 <1 <1 <1 <1 Copper ppm ASTM DS185m >4 0 <1 <1 <1 <1 Copper ppm ASTM DS185m >4 0 <1 <1 <1 <1 Copper ppm ASTM DS185m >4 0 <1 <1 <1 Copper ppm ASTM DS185m >4 0 <1 <1 Coppe	WEAR	PQ		ASTM D8184		17	14	18
Chromium ppm ASTM DS185m >15 <1 <1 2 Nickel ppm ASTM DS185m 0 0 0 0 0 0 0 0 0		Iron	ppm	ASTM D5185m	>500	50	39	68
Titanium		Chromium	ppm	ASTM D5185m	>15	<1	<1	2
Silver		Nickel	ppm	ASTM D5185m	>10	0	0	0
Aluminum		Titanium	ppm	ASTM D5185m		0	<1	<1
Lead ppm ASTM DS185m 0 0 0 0 0 Copper ppm ASTM DS185m 35 0 0 <1 <1 <1 <1 <1 <1 <1		Silver	ppm	ASTM D5185m		0	0	0
Copper		Aluminum	ppm	ASTM D5185m	>20	5	3	3
Tin		Lead	ppm	ASTM D5185m		0	0	0
Vanadium ppm ASTM D5185m <1 <1 <1 <1 <1 <1 <1 <		Copper	ppm	ASTM D5185m	>35	0	<1	<1
White Metal Scalar *Visual NONE NO		Tin	ppm	ASTM D5185m	>4	0	<1	0
Yellow Metal scalar		Vanadium	ppm	ASTM D5185m		<1	<1	<1
Silicon ppm ASTM D5185m >75 20 15 59		White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Potassium ppm ASTM D5185m >20 1 0 4		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Water WC Method >0.2 NEG NEG NEG NEG	CONTAMINATION	Silicon	ppm	ASTM D5185m	>75	20	15	59
Water	There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	1	0	4
Debris scalar *Visual NONE NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NORML NOR		Water		WC Method	>0.2	NEG	NEG	NEG
Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORM		Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance Scalar *Visual NORML NORM		Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Odor		Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water scalar *Visual >0.2 NEG NEG NEG		Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Sodium ppm ASTM D5185m 3 2 <1		Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Boron ppm ASTM D5185m 268 280 60		Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Barium ppm ASTM D5185m <1 0 8	FLUID CONDITION	Sodium	ppm	ASTM D5185m		3	2	<1
Barium ppm ASTM D5185m <1		Boron	ppm	ASTM D5185m		268	280	60
Manganese ppm ASTM D5185m 2 1 4 Magnesium ppm ASTM D5185m 807 759 15 Calcium ppm ASTM D5185m 1488 1463 4268 Phosphorus ppm ASTM D5185m 993 955 1201 Zinc ppm ASTM D5185m 1076 1042 1416 Sulfur ppm ASTM D5185m 3760 3697 9018		Barium	ppm	ASTM D5185m		<1	0	8
Magnesium ppm ASTM D5185m 807 759 15 Calcium ppm ASTM D5185m 1488 1463 4268 Phosphorus ppm ASTM D5185m 993 955 1201 Zinc ppm ASTM D5185m 1076 1042 1416 Sulfur ppm ASTM D5185m 3760 3697 9018		Molybdenum	ppm	ASTM D5185m		244	244	113
Calcium ppm ASTM D5185m 1488 1463 4268 Phosphorus ppm ASTM D5185m 993 955 1201 Zinc ppm ASTM D5185m 1076 1042 1416 Sulfur ppm ASTM D5185m 3760 3697 9018		Manganese	ppm	ASTM D5185m		2	1	4
Phosphorus ppm ASTM D5185m 993 955 1201 Zinc ppm ASTM D5185m 1076 1042 1416 Sulfur ppm ASTM D5185m 3760 3697 9018		Magnesium	ppm	ASTM D5185m		807	759	15
Zinc ppm ASTM D5185m 1076 1042 1416 Sulfur ppm ASTM D5185m 3760 3697 9018		Calcium	ppm	ASTM D5185m		1488	1463	4268
Sulfur ppm ASTM D5185m 3760 3697 9018		Phosphorus	ppm	ASTM D5185m		993	955	1201
		Zinc	ppm	ASTM D5185m		1076	1042	1416
Visc @ 40°C cSt ASTM D445 117 (66.1) 67.2 64.2		Sulfur	ppm	ASTM D5185m		3760	3697	9018
Poport Id. JAMCHA [M/IJCCAD] 06997776 (Congreted: 07/00/2094 16:00:51) Pour 1		Visc @ 40°C	cSt					







Certificate L2367

Laboratory Sample No.

: JR0219710 **Lab Number** : 06227776 Unique Number : 11111269

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 03 Jul 2024 **Tested** : 05 Jul 2024

Diagnosed Test Package : CONST (Additional Tests: PQ)

: 05 Jul 2024 - Wes Davis

JRE - CHARLOTTE 9550 STATESVILLE ROAD CHARLOTTE, NC US 28269

Contact: James Ball JBall@jamesriverequipment.com

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.

T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (704)596-6198