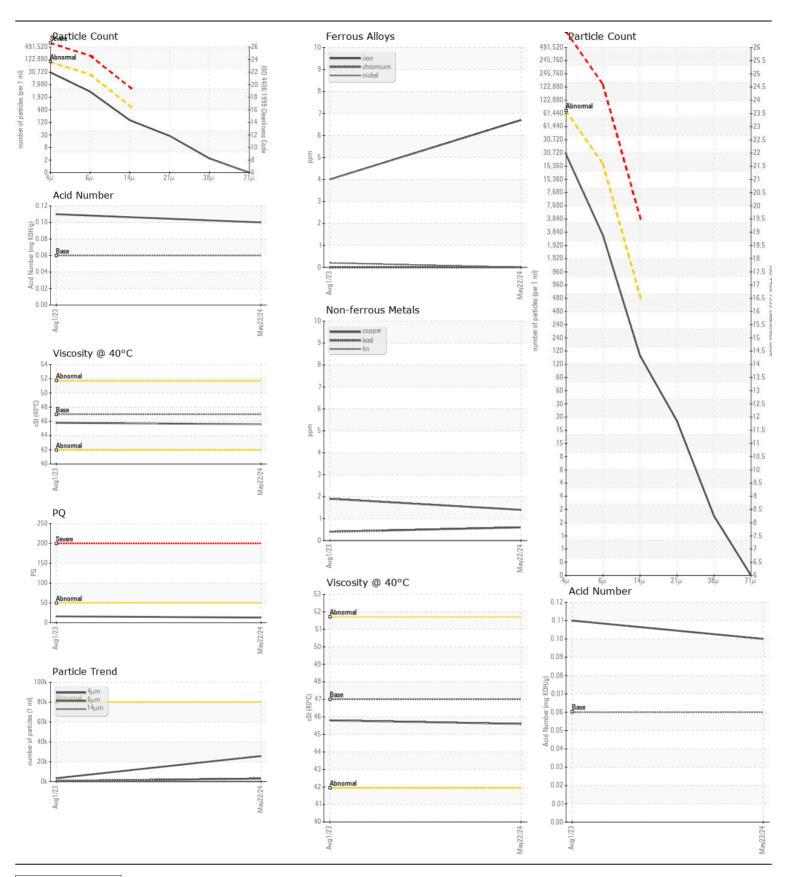
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

Machine Id

JOHN DEERE 35G 1FF035GXCMK295887

Hydraulic System

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		JR0212657	JR0181648	
	Sample Date		Client Info		22 May 2024	01 Aug 2023	
	Machine Age	hrs	Client Info		997	476	
	Oil Age	hrs	Client Info		476	476	
	Filter Age	hrs	Client Info		0	476	
	Oil Changed		Client Info		N/A	N/A	
	Filter Changed		Client Info		N/A	N/A	
	Sample Status				NORMAL	NORMAL	
VEAR	PQ		ASTM D8184	>50	13	16	
	Iron	ppm	ASTM D5185m	>32	7	4	
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		0	0	
	Nickel	ppm	ASTM D5185m		0	<1	
	Titanium	ppm	ASTM D5185m		0	0	
	Silver	ppm	ASTM D5185m		<1	0	
	Aluminum	ppm	ASTM D5185m	>9	<1	0	
	Lead	ppm	ASTM D5185m		<1	<1	
	Copper	ppm	ASTM D5185m		1	2	
	Tin	ppm	ASTM D5185m		0	0	
	Vanadium	ppm	ASTM D5185m		0	0	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION	Silicon	ppm	ASTM D5185m	<11	2	1	
	Potassium	ppm	ASTM D5185m		1	1	
The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.	Water	ррпп	WC Method		NEG	NEG	
	Particles >4µm		ASTM D7647		25734	3468	
	Particles >6µm		ASTM D7647		3079	673	
	Particles >14µm		ASTM D7647		133	26	
	Particles >14µm		ASTM D7647		24	7	
	Particles >38µm		ASTM D7647		2	0	
	Particles >71µm		ASTM D7647		0	0	
	Oil Cleanliness		ISO 4406 (c)		22/19/14	19/17/12	
	Silt	cooler	*Visual	NONE	NONE	NONE	
	Debris	scalar scalar	*Visual	NONE	NONE	LIGHT	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water		*Visual	>0.075	NEG	NEG	
						IVEG	
LUID CONDITION	Sodium	ppm	ASTM D5185m	>21	3	0	
The AN level is acceptable for this fluid. The condition of the cil is	Boron	ppm	ASTM D5185m		0	0	
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	0	
	Molybdenum	ppm	ASTM D5185m		0	0	
	Manganese	ppm	ASTM D5185m		0	0	
	Magnesium	ppm	ASTM D5185m		<1	2	
	Calcium	ppm	ASTM D5185m		28	1	
	Phosphorus	ppm	ASTM D5185m		434	430	
	Zinc	ppm	ASTM D5185m		55	40	
	Sulfur	ppm	ASTM D5185m	13	758	673	
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.10	0.11	
	Visc @ 40°C	cSt	ASTM D445	47	45.6	45.8	





Certificate L2367

Laboratory Sample No. Lab Number

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0212657 : 06189114

Tested Unique Number: 11045866 Diagnosed Test Package : CONST (Additional Tests: PQ)

Received : 23 May 2024 : 24 May 2024 : 28 May 2024 - Don Baldridge

JRE - GARNER 4161 AUBURN CHURCH RD GARNER, NC US 27529

Contact: RALEIGH SHOP sean.betts@jamesriverequipment.com;catherine.anastasio@wearcheck.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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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