

WEAR CONTAMINATION **FLUID CONDITION**

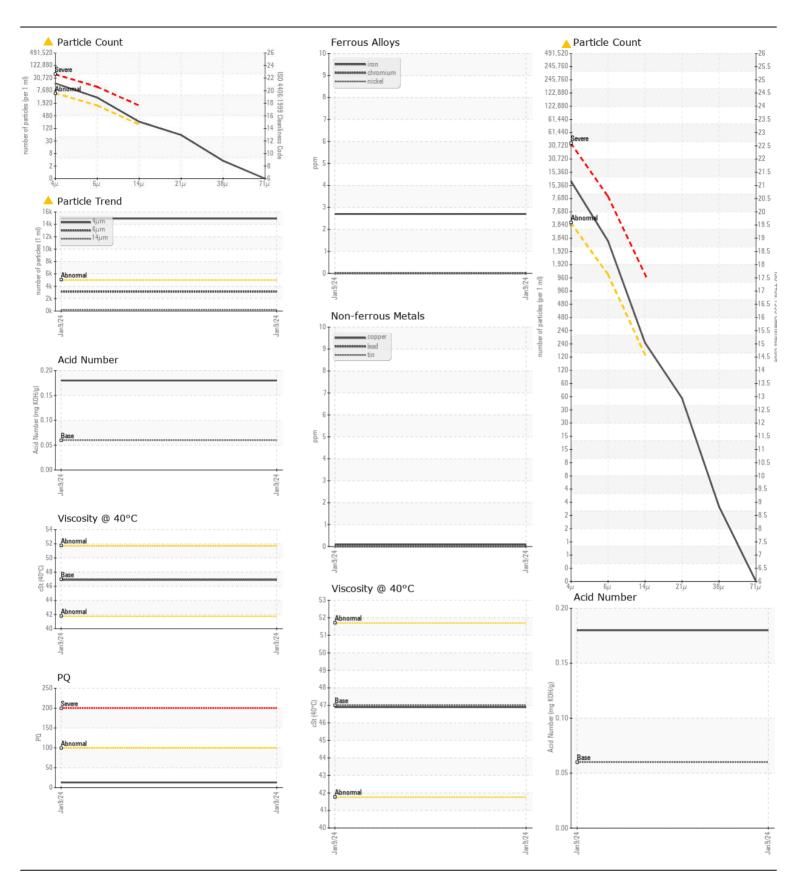
NORMAL ABNORMAL NORMAL

[G14050]

JOHN DEERE 340488

Component Hydraulic System

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
We recommend you service the filters on this component. Resample at the next service interval to monitor.	Sample Number	JOIVI	Client Info	Enno/NOIT	WE0006221		
	Sample Date		Client Info		09 Jan 2024		
	Machine Age	hrs	Client Info		5490		
	Oil Age	hrs	Client Info		0		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		Not Changd		
	Filter Changed		Client Info		Not Changd		
	Sample Status				ABNORMAL		
VEAR	PQ		ASTM D8184		13		
	Iron	ppm	ASTM D5185m	>20	3		
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		0		
	Nickel	ppm	ASTM D5185m		0		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>10	0		
	Lead	ppm	ASTM D5185m		0		
	Copper	ppm	ASTM D5185m		<1		
	Tin	ppm	ASTM D5185m		0		
	Vanadium	ppm	ASTM D5185m	710	0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>20	<1		
ONTAININATION	Potassium	ppm	ASTM D5185m	-	0		
There is a high amount of particulates present in the oil.	Water	PP	WC Method		NEG		
	Particles >4µm		ASTM D7647		<u> </u>		
	Particles >6µm		ASTM D7647		▲ 3123		
	Particles >14µm		ASTM D7647		<u>^</u> 218		
	Particles >21µm		ASTM D7647		<u> </u>		
	Particles >38µm		ASTM D7647		3		
	Particles >71µm		ASTM D7647		0		
	Oil Cleanliness		ISO 4406 (c)		<u>A</u> 21/19/15		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	LIGHT		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water		*Visual	>0.1	NEG		
LUID CONDITION	Sodium	ppm	ASTM D5185m		<1		
EOID GONDITION	Boron	ppm	ASTM D5185m		0		
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0		
	Molybdenum	ppm	ASTM D5185m		0		
	Manganese	ppm	ASTM D5185m		0		
	Magnesium	ppm	ASTM D5185m		0		
	Calcium	ppm	ASTM D5185m		0		
	Phosphorus		ASTM D5185m	827	532		
	Zinc	ppm ppm	ASTM D5185m		8		
	Sulfur		ASTM D5185m		23		
	Juliui	ppm					
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.06	0.18		





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: 06060936 : 10832318

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 16 Jan 2024 : WE0006221 Recieved : 17 Jan 2024 Diagnosed

Diagnostician : Jonathan Hester 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)

WARRIOR TRACTOR AND EQUIPMENT - GRAYSVILLE 4308 WATER TRAIL

GRAYSVILLE, AL US 35073 Contact: BEN BYRKET

bbyrket@warriortractor.com T: (205)675-9045

F: