

WEAR CONTAMINATION **FLUID CONDITION**

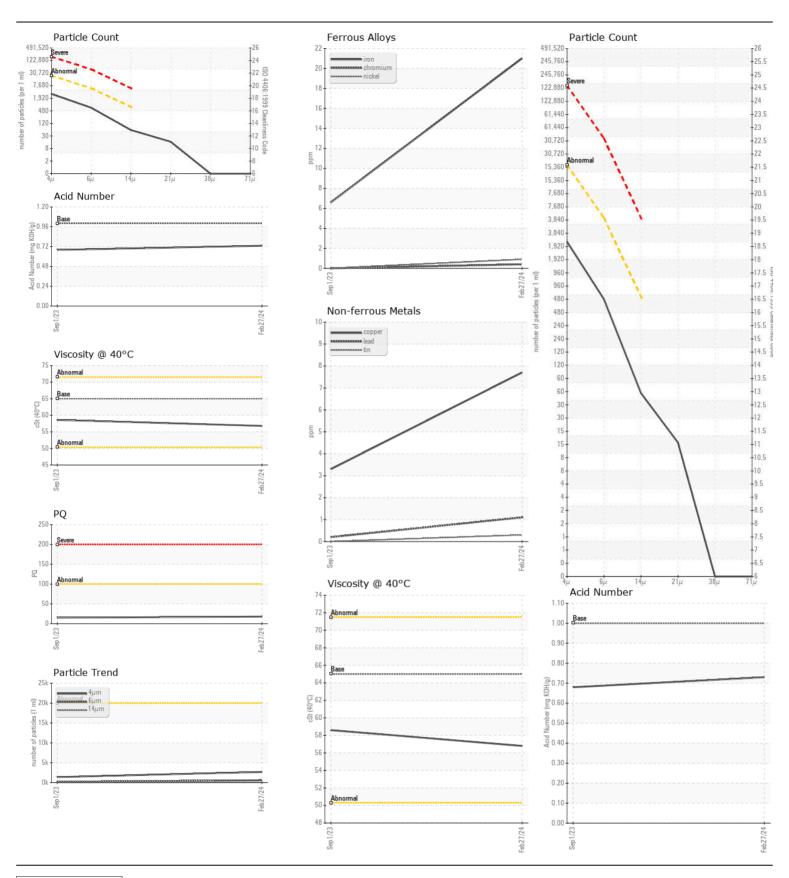
NORMAL NORMAL NORMAL

[A34732]

JOHN DEERE 950K 1T0950KXJPF446417

Component
Hydrostatic
Fluid

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Passanda at the most complex interval to monitor (Containing Contain	Sample Number		Client Info		WE0006625	WE0004879	
Resample at the next service interval to monitor. (Customer Sample Comment: A34732)	Sample Date		Client Info		27 Feb 2024	01 Sep 2023	
	Machine Age	hrs	Client Info		1470	502	
	Oil Age	hrs	Client Info		1470	502	
	Filter Age	hrs	Client Info		1470	502	
	Oil Changed		Client Info		Not Changd	Not Changd	
	Filter Changed		Client Info		None	Not Changd	
	Sample Status				NORMAL	NORMAL	
VEAR	PQ		ASTM D8184		18	15	
	Iron	ppm	ASTM D5185m	>31	21	7	
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		<1	0	
	Nickel	ppm	ASTM D5185m		<1	0	
	Titanium	ppm	ASTM D5185m	70	<1	0	
	Silver	ppm	ASTM D5185m		0	0	
	Aluminum	ppm	ASTM D5185m	>10	<1	<1	
	Lead	ppm	ASTM D5185m		1	<1	
	Copper	ppm	ASTM D5185m		8	3	
	Tin	ppm	ASTM D5185m		<1	0	
	Vanadium	ppm	ASTM D5185m	70	0	<1	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
ONTANUMATION	0.11.		40TM DE405	0.4			
CONTAMINATION	Silicon	ppm	ASTM D5185m		2	<1	
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.	Potassium	ppm	ASTM D5185m		3	I I	
	Water		WC Method		NEG	NEG	
	Particles >4µm		ASTM D7647		2687	1400	
	Particles >6µm		ASTM D7647		594	213	
	Particles >14µm		ASTM D7647		51	21	
	Particles >21µm		ASTM D7647		14	4	
	Particles >38µm		ASTM D7647		0	0	
	Particles >71μm		ASTM D7647		0	0	
	Oil Cleanliness		ISO 4406 (c)		19/16/13	18/15/12	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	
LUID CONDITION	Sodium	ppm	ASTM D5185m	>21	<1	<1	
	Boron	ppm	ASTM D5185m		<1	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		<1	0	
	Manganese	ppm	ASTM D5185m		<1	0	
	Magnesium	ppm	ASTM D5185m		2	0	
	Calcium	ppm	ASTM D5185m	87	120	92	
	Phosphorus	ppm	ASTM D5185m		957	639	
	Zinc	ppm	ASTM D5185m	900	1330	863	
	Sulfur	ppm	ASTM D5185m		2667	1905	
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.73	0.68	
	Visc @ 40°C	cSt	ASTM D445		56.8	58.6	





Certificate L2367

Laboratory Sample No. Unique Number: 10902482

: WE0006625 Lab Number : 06104252

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

Tested Diagnosed Test Package : CONST (Additional Tests: PQ, PrtCount)

: 29 Feb 2024 :01 Mar 2024 : 02 Mar 2024 - Don Baldridge

WARRIOR TRACTOR AND EQUIPMENT - HUNTSVILLE 25135 ONE AVIATION WAY SW MADISON, AL

US 35756 Contact: HERBERT STONE WTE013@WARRIORTRACTOR.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)

T: F: