

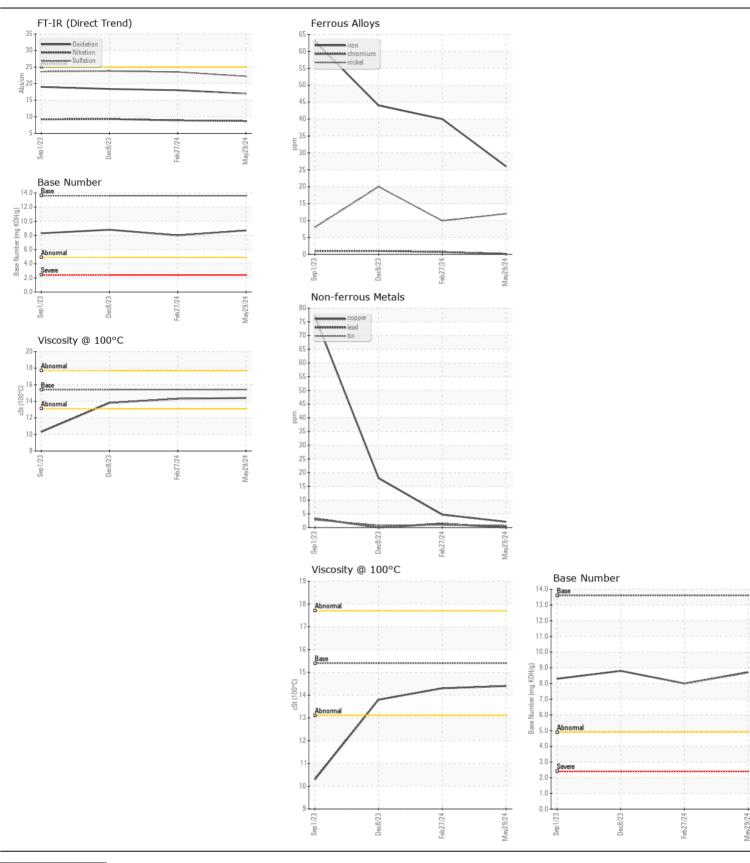
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

[A35382]

JOHN DEERE 950K 1T0950KXJPF446417

Diesel Engine

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
TIEGOMMENDATION	Sample Number	00111	Client Info	Limitorion	WE0007714	WE0006617	WE000585
Resample at the next service interval to monitor. (Customer Sample Comment: A35382)	Sample Date		Client Info		29 May 2024	27 Feb 2024	08 Dec 202
	Machine Age	hrs	Client Info		1875	1470	502
	Oil Age	hrs	Client Info		444	500	502
	Filter Age	hrs	Client Info		444	500	502
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	ABNORMA
VEAR	Iron	ppm	ASTM D5185m	>51	26	40	44
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>11	<1	<1	1
	Nickel	ppm	ASTM D5185m	>5	12	10	<u>^</u> 20
	Titanium	ppm	ASTM D5185m		0	0	<1
	Silver	ppm	ASTM D5185m	>3	0	0	0
	Aluminum	ppm	ASTM D5185m	>31	6	5	8
	Lead	ppm	ASTM D5185m	>26	0	1	0
	Copper	ppm	ASTM D5185m		2	5	18
	Tin	ppm	ASTM D5185m	>4	<1	<1	<1
	Vanadium	ppm	ASTM D5185m		0	<1	<1
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>22	17	17	20
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	<1	4	2
	Fuel		WC Method	>2.1	<1.0	<1.0	<1.0
	Water		WC Method	>0.21	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.3	0.4	0.5
	Nitration	Abs/cm	*ASTM D7624	>20	8.7	8.9	9.3
	Sulfation	Abs/.1mm	*ASTM D7415	>30	22.2	23.5	23.8
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML	NORML	NORM
	Odor	scalar	*Visual	NORML	NORML	NORML	NORM
<u> </u>	Emulsified Water	scalar	*Visual	>0.21	NEG	NEG	NEG
LUID CONDITION	Sodium	ppm	ASTM D5185m	>31	2	2	5
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Boron	ppm	ASTM D5185m		212	161	196
	Barium	ppm	ASTM D5185m		<1	0	0
	Molybdenum	ppm	ASTM D5185m		268	273	274
	Manganese	ppm	ASTM D5185m		1	1	2
	Magnesium	ppm	ASTM D5185m		873	1032	899
	Calcium	ppm	ASTM D5185m		1432	1749	1503
	Phosphorus	ppm	ASTM D5185m		927	922	964
	Zinc	ppm	ASTM D5185m		1126	1347	1188
	Sulfur	ppm	ASTM D5185m		3324	3298	3038
	Oxidation Base Number (BN)	Abs/.1mm mg KOH/g	*ASTM D7414 ASTM D2896		17.0 8.7	18.0 8.0	18.4 8.8





Certificate L2367

Laboratory Sample No. Unique Number : 11058545

: WE0007714 Lab Number : 06196422

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024 **Tested**

Diagnosed Test Package : CONST (Additional Tests: TBN)

: 03 Jun 2024 : 03 Jun 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: