



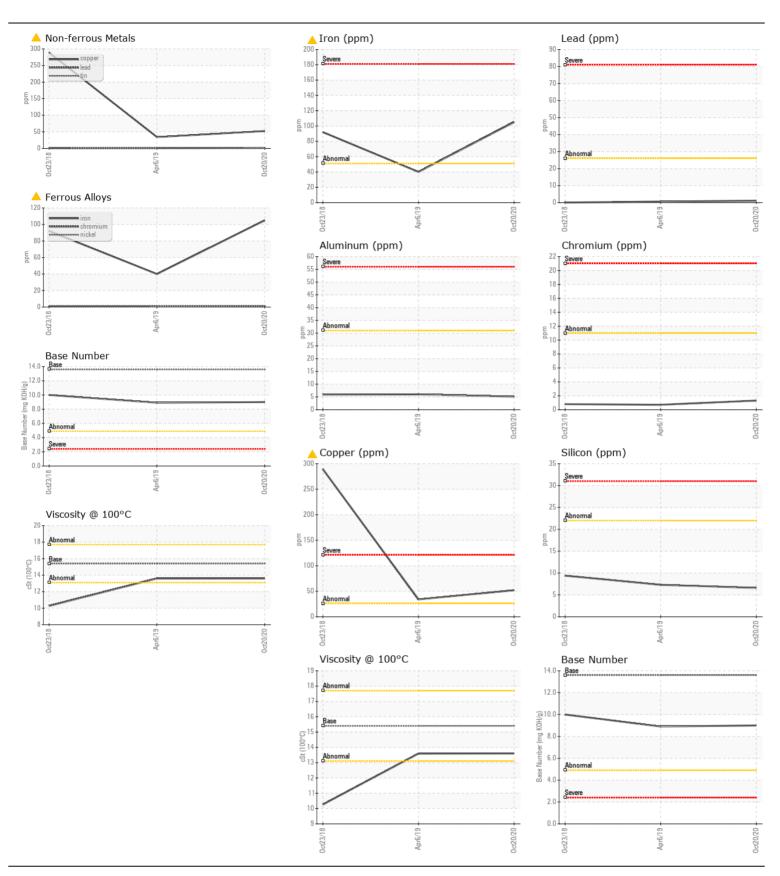
WEAR CONTAMINATION FLUID CONDITION **ABNORMAL NORMAL NORMAL**

Store 4 - Fairmont

JOHN DEERE 950K 1T0950KPEJF332286

Component Diesel Engine

Test Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead	hrs hrs hrs ppm ppm ppm ppm ppm	Method Client Info ASTM D5185m ASTM D5185m ASTM D5185m	>11	Current LEC0013980 20 Oct 2020 1303 438 438 Changed Changed ABNORMAL	History1 LECP179532 06 Apr 2019 865 371 371 Changed Changed NORMAL 40 <1	History2 LECP186121 23 Oct 2018 494 494 Changed Changed ABNORMAL
Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum	ppm ppm ppm	Client Info ASTM D5185m ASTM D5185m ASTM D5185m	>11	20 Oct 2020 1303 438 438 Changed Changed ABNORMAL	06 Apr 2019 865 371 371 Changed Changed NORMAL	23 Oct 2018 494 494 494 Changed Changed ABNORMAL
Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum	ppm ppm ppm	Client Info Client Info Client Info Client Info Client Info Client Info ASTM D5185m ASTM D5185m ASTM D5185m	>11	1303 438 438 Changed Changed ABNORMAL	865 371 371 Changed Changed NORMAL	494 494 494 Changed Changed ABNORMAL
Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum	ppm ppm ppm	Client Info Client Info Client Info Client Info ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>11	438 438 Changed Changed ABNORMAL	371 371 Changed Changed NORMAL	494 494 Changed Changed ABNORMAI
Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum	ppm ppm ppm ppm	Client Info Client Info Client Info ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>11	438 Changed Changed ABNORMAL	371 Changed Changed NORMAL	494 Changed Changed ABNORMAl
Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum	ppm ppm ppm	Client Info Client Info ASTM D5185m ASTM D5185m ASTM D5185m	>11	Changed Changed ABNORMAL	Changed Changed NORMAL	Changed Changed ABNORMAI
Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>11	Changed ABNORMAL	Changed NORMAL 40	Changed ABNORMA 92
Iron Chromium Nickel Titanium Silver Aluminum	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>11	ABNORMAL 105	NORMAL 40	ABNORMA 92
Iron Chromium Nickel Titanium Silver Aluminum	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	>11	<u> </u>	40	92
Chromium Nickel Titanium Silver Aluminum	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	>11			
Nickel Titanium Silver Aluminum	ppm	ASTM D5185m ASTM D5185m		1	<i>-</i> 1	_1
Titanium Silver Aluminum	ppm	ASTM D5185m	>5		\ I	<1
Silver Aluminum				1	1	2
Aluminum	ppm			<1	<1	0
		ASTM D5185m		<1	0	0
Lead	ppm	ASTM D5185m	>31	5	6	6
	ppm	ASTM D5185m	>26	1	<1	0
Copper	ppm	ASTM D5185m	>26	△ 52	34	<u>^</u> 289
Tin				1	0	1
Vanadium		ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	nnm	ΔSTM D5185m	-22	7	7	9
	• •					18
	ррпп			-		<1.0
						NEG
			70.21			NEG
-	0/2		\3			0.4
						9.7
						22.5
						NONE
						NONE
						NONE
						NORMI
						NORMI
		*Visual	>0.21	NEG	NEG	NEG
Sodium	nnm	ACTM DE10E	 . ⊘1	Δ	Λ	26
			>0 I			26 143
	• •					<1
•						233
-						3
-						822 1438
						721
•						944
			- OF			2378
						17.6
						10 10.27
	Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Oxidation	Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/.tmm Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Phosphorus ppm Sulfur ppm Sulfur ppm Oxidation Abs/.tmm Base Number (BN) mg KOH/g	Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Potassium ppm ASTM D5185m Fuel WC Method Water WC Method Glycol WC Method Soot % *ASTM D7844 Nitration Abs/cm *ASTM D7624 Sulfation Abs/.1mm *ASTM D7415 Silt scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Emulsified Water scalar *Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Barium ppm ASTM D5185m Manganese ppm ASTM D5185m Manganese ppm ASTM D5185m Magnesium ppm ASTM D5185m Calcium ppm ASTM D5185m	Tin ppm ASTM D5185m >4 Vanadium ppm ASTM D5185m White Metal scalar *Visual NONE Silicon ppm ASTM D5185m >22 Potassium ppm ASTM D5185m >20 Fuel WC Method >2.1 Water WC Method >0.2.1 Water WC Method Soot % *ASTM D7844 >3 Nitration Abs/cm *ASTM D7844 >3 Nitration Abs/cm *ASTM D7415 >30 Silt scalar *Visual NONE Sand/Dirt scalar *Visual NORML Debris scalar *Visual NORML Sand/Dirt scal	Tin ppm ASTM D5185m >4 1 Vanadium ppm ASTM D5185m <1	Tin ppm ASTM D5185m >4 1 0 Vanadium ppm ASTM D5185m <1





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

: LEC0013980 : 05098869

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 23 Oct 2020 Diagnosed : 04 Nov 2020 : 9229123 Diagnostician : Doug Bogart

Test Package : MOBCE (Additional Tests: PQ, TBN) 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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