

WEAR CONTAMINATION FLUID CONDITION

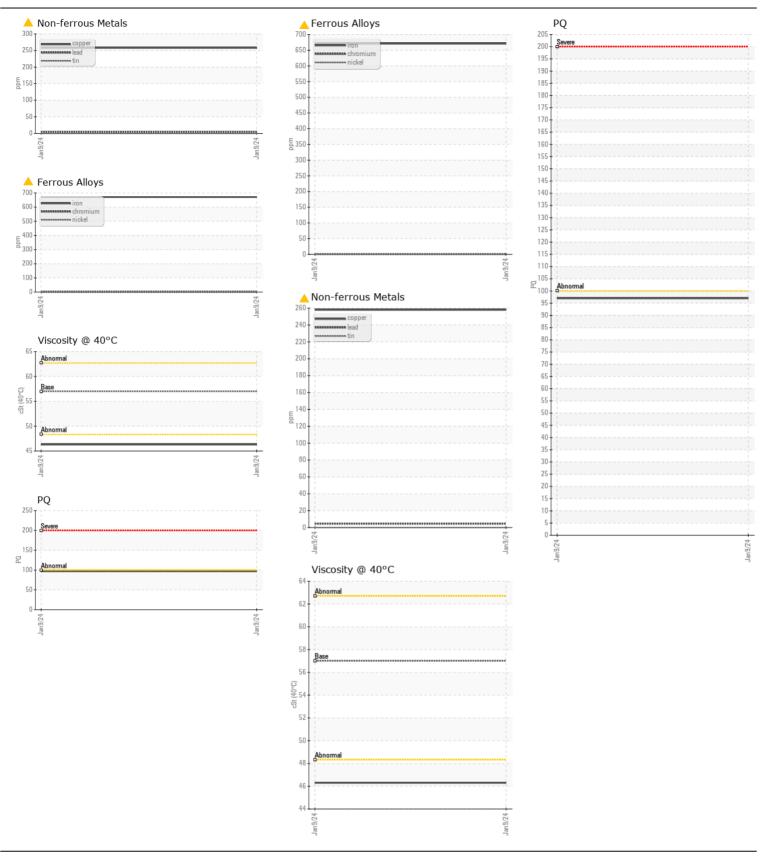
ABNORMAL NORMAL



JOHN DEERE 544K C233350 (S/N 1DW544KPHBD637560)

Component **Brake**

RANS (C	TS)					
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0174563		
Sample Date		Client Info		09 Jan 2024		
Machine Age	hrs	Client Info		13567		
Oil Age	hrs	Client Info		13567		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		N/A		
Sample Status				ABNORMAL		
PQ		ASTM D8184		97		
Iron	ppm	ASTM D5185m	>350	<u> </u>		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m	>5	2		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>8	14		
Lead	ppm	ASTM D5185m	>10	5		
Copper	ppm	ASTM D5185m	>150	<u> </u>		
Tin	ppm		>5	0		
Vanadium	ppm			0		
White Metal	scalar					
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>400	155		
Potassium	ppm	ASTM D5185m	>20	6		
Water		WC Method	>0.2	NEG		
Silt	scalar	*Visual	NONE	NONE		
	scalar					
	scalar					
	scalar					
Emuisitied water	scalar	"Visuai	>0.2	NEG		
Sodium	ppm	ASTM D5185m		28		
	ppm					
	ppm			3		
-	ppm		0			
•			4.4=			
J	ppm					
	ppm					
•						
			1640			
Sullur	mag	MCRIGAINI CH		3850		
	Test Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status PQ Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status PQ Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus Zinc ppm	Test UOM Method Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status PQ ASTM D8184 Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Water WC Method Silt scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Boron ppm ASTM D5185m Barium ppm ASTM D5185m Molybdenum ppm ASTM D5185m Manganese ppm ASTM D5185m Manganese ppm ASTM D5185m Magnesium ppm ASTM D5185m	Test UOM Method Limit/Abn Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Inf	Test UOM Method Limit/Abn Current Sample Number Client Info JR0174563 JR0174563 Sample Date Client Info 09 Jan 2024 Machine Age hrs Client Info 13567 Oil Age hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info N/A Sample Status ASTM D8184 97 Iron ppm ASTM D8185m >350 671 Chromium ppm ASTM D5185m >5 -1 Nickel ppm ASTM D5185m >5 -2 Titanium ppm ASTM D5185m >5 2 Silver ppm ASTM D5185m >6 -1 Aluminum ppm ASTM D5185m >10 5 Copper ppm ASTM D5185m >10 5 Copper ppm ASTM D5185m >10 5 Vanadium ppm	Test







Certificate L2367

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

: JR0174563 : 06058892 : 10830274

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

: 11 Jan 2024 Diagnosed : 15 Jan 2024 Diagnostician : Don Baldridge

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)

C & D RECOVERY

CLARKSBURG, MD

24024 FREDERICK RD

Contact: HERBIE TRENT

US 20871

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