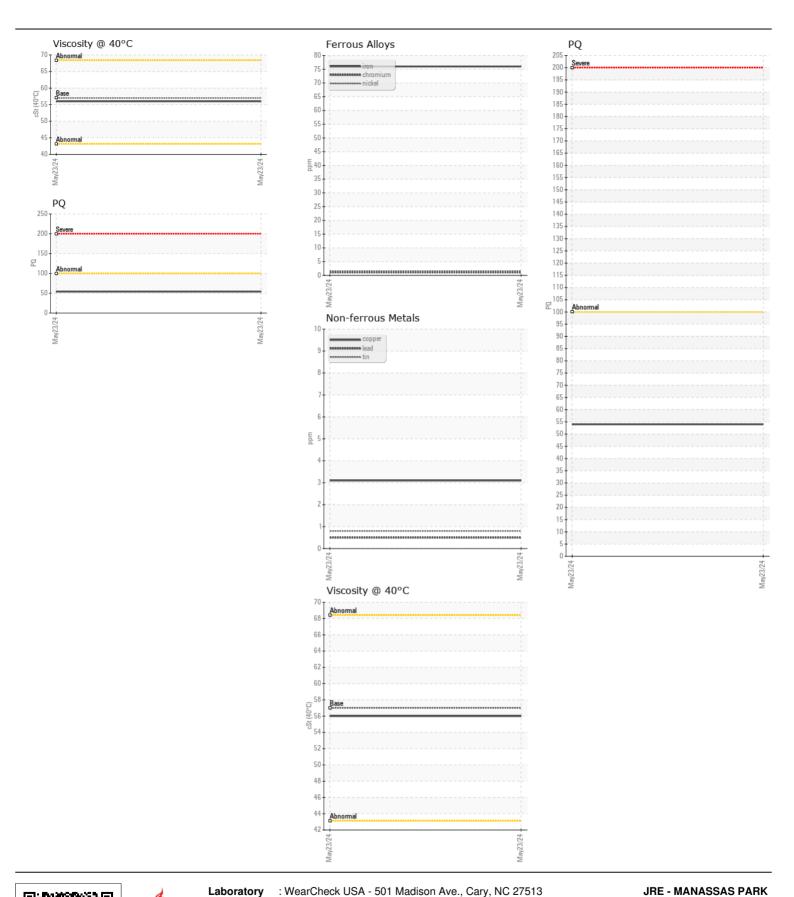
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

[SW RODGERS]

JOHN DEERE 410L 1T0410LXCGF304509

Rear Axle

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0217828		
Sample Date		Client Info		23 May 2024		
Machine Age	hrs	Client Info		5262		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
PQ		ASTM D8184		54		
Iron	ppm	ASTM D5185m	>750	76		
Chromium				1		
				2		
				<1		
Silver				1		
Aluminum			>21	2		
Lead		ASTM D5185m	>49	<1		
Copper				3		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	maa	ASTM D5185m	>31	22		
	PP					
	scalar					
Appearance	scalar	*Visual	NORML			
Odor	scalar	*Visual	NORML			
Emulsified Water	scalar	*Visual	>0.1	NEG		
Sodium	nnm	ASTM D5185m	<u></u>	_1		
Molybdenum						
		ASTM D5185m		1		
	ppm		145	36		
Calcium	ppm	ASTM D5185m	3570	3622		
Phosphorus	ppm			1169		
Zinc				1488		
Sulfur	ppm	ASTM D5185m		9366		
	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	Sample Number Sample Date Machine Age Nrs Client Info Oil Age Nrs Client Info Oil Age Nrs Client Info Client Info Oil Changed Filter Age Oil Changed Filter Changed Sample Status PQ ASTM D8184 Iron Chromium ASTM D5185m Chromium ASTM D5185m Titanium ASTM D5185m Silver Aluminum ASTM D5185m Copper ASTM D5185m Copper ASTM D5185m Vanadium ASTM D5185m Valual Silicon ASTM D5185m Valual Silicon ASTM D5185m Valual Silicon ASTM D5185m Vater Visual Sand/Dirt Ascalar Avisual Sand/Dirt Acalar Appearance Scalar Avisual Sand/Dirt Appearance Scalar Avisual Sand/Dirt Appearance Scalar Avisual Sand/Dirt Ascalar Appearance Scalar Avisual Appearance Scalar Avisual Appearance Scalar Avisual Appearance Scalar Avisual Appearance Scalar Appearance ASTM D5185m	Sample Number 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 Sample Status PQ ASTM D8184 Iron ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m Silver ppm ASTM D5185m ASTM D5185m Silver ppm ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Silver Aluminum ppm ASTM D5185m ASTM D5185m Silver Aluminum ppm ASTM D5185m ASTM D5185m Silver Aluminum ppm ASTM D5185m ADNE Appearance Scalar AVisual ANONE Appearance ASTM D5185m ASTM D5185	Sample Number Client Info JR0217828 Sample Date Client Info 23 May 2024 Machine Age hrs Client Info 5262 Oil Age hrs Client Info 0 Filter Age hrs Client Info Not Changd Filter Changed Client Info N/A NORMAL PQ ASTM D8184 54 NORMAL PQ ASTM D5185m >750 76 Chromium ppm ASTM D5185m >11 1 Nickel ppm ASTM D5185m >10 2 Titanium ppm ASTM D5185m >1 1 Silver ppm ASTM D5185m >21 2 Lead ppm ASTM D5185m >21 2 Lead ppm ASTM D5185m >10 <1	Sample Number Client Info JR0217828





Certificate L2367

Laboratory Sample No.

: JR0217828 Lab Number : 06191288 Unique Number : 11048040

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

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

Received : 24 May 2024 : 29 May 2024

: 29 May 2024 - Sean Felton

MANASSAS PARK, VA US 20111 Contact: DON VEST

9107 OWENS DRIVE

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. dvest@jamesriverequipment.com T: (703)631-8500 F: (703)631-4715

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)