**WEAR** CONTAMINATION **FLUID CONDITION** 

**NORMAL NORMAL** NORMAL

Machine Id

## JOHN DEERE 160P FT4/10`2"L-ARM/28"/A (S/N 000398)

**Pump Drive** 

				,	1	
Test	UOM	Method	Limit/Abn	Current	History1	History
Sample Number		Client Info		JR0220369		
Sample Date		Client Info		03 Jul 2024		
Machine Age	hrs	Client Info		1000		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
PO		1010V USTN		16		
	222		. 151			
			>10			
	ppm					
	ppm					
	ppm					
	ppm		>4	0		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	nnm	ASTM D5185m	<b>~</b> 31	10		
	ррпп					
	analar					
Emulsified Water	scalar	*Visual ·	>0.1	NEG		
Sodium	ppm	ASTM D5185m	>51	6		
Boron	ppm	ASTM D5185m		54		
Barium	ppm	ASTM D5185m		5		
Molybdenum		ASTM D5185m		97		
		ASTM D5185m				
-						
Sulfur		ASTM D5185m		8293		
Juliui	ppm	MOTIVI DOTOUIII		0293		
	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 Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Manganese ppm Magnesium ppm Manganese ppm Magnesium ppm Phosphorus ppm Zinc ppm Zinc ppm	Sample Number Sample Date Client Info Machine Age Nrs Client Info Oil Age Nrs Client Info Cilent Info Cilent Info Client Info Sample Status  PQ ASTM D8184 Iron Ppm ASTM D5185m Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Chromium Ppm ASTM D5185m ASTM D5185m Aluminum Ppm ASTM D5185m Lead Ppm ASTM D5185m Copper Ppm ASTM D5185m Copper Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual Silicon Ppm ASTM D5185m Vacalar Visual Silicon Ppm ASTM D5185m Vacalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Avisual Sand/Dirt Scalar Appearance Scalar Avisual Sand/Dirt Scalar Appearance Scalar Avisual Sand/Dirt Appearance Scalar Avisual Sand/Dirt Appearance Scalar Avisual Sand/Dirt Appearance Scalar Avisual Appearance Scalar ASTM D5185m Barium Ppm ASTM D5185m Phosphorus Ppm ASTM D5185m	Sample Number Sample Date 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 Sample Status  PQ ASTM D8184 Iron ppm ASTM D5185m >151 Chromium ppm ASTM D5185m >10 Titanium ppm ASTM D5185m >10 Titanium ppm ASTM D5185m >21 Lead ppm ASTM D5185m >51 Copper ppm ASTM D5185m >51 Copper ppm ASTM D5185m >51 Tin ppm ASTM D5185m >51 Tin ppm ASTM D5185m >4 Vanadium ppm ASTM D5185m >4 Vanadium ppm ASTM D5185m >4 Vanadium ppm ASTM D5185m >20 Water Visual NONE Silicon ppm ASTM D5185m >20 Water WC Method >0.1 Silt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Sodium ppm ASTM D5185m >51 Sodium ppm ASTM D5185m ASTM D5185m Solium Marganese ppm ASTM D5185m Solium	Sample Number         Client Info         JR0220369           Sample Date         Client Info         03 Jul 2024           Machine Age         hrs         Client Info         1000           Oil Age         hrs         Client Info         0           Filter Age         hrs         Client Info         0           Oil Changed         Client Info         Changed           Filter Changed         Client Info         N/A           Sample Status         NORMAL           PQ         ASTM D8184         16           Iron         ppm         ASTM D5185m         >151         32           Chromium         ppm         ASTM D5185m         >10         0           Nickel         ppm         ASTM D5185m         >10         0           Titanium         ppm         ASTM D5185m         >10         0           Silver         ppm         ASTM D5185m         >21         2           Lead         ppm         ASTM D5185m         >21         2           Lead         ppm         ASTM D5185m         >51         <1	Sample Number         Client Info         JR0220369            Sample Date         Client Info         03 Jul 2024            Machine Age         hrs         Client Info         1000            Oil Age         hrs         Client Info         0            Filter Age         hrs         Client Info         0            Filter Changed         Client Info         N/A            Sample Status         NORMAL            PQ         ASTM D8184         16            Iron         ppm         ASTM D5185m         >151         32            Chromium         ppm         ASTM D5185m         >10         0            Nickel         ppm         ASTM D5185m         >10             Silver         ppm         ASTM D5185m         >0             Aluminum         ppm         ASTM D5185m         >21         2            Lead         ppm         ASTM D5185m         >51         <1







Certificate L2367

Report Id: JAMCHA [WUSCAR] 06232466 (Generated: 07/12/2024 14:14:57) Rev: 1

Laboratory Sample No.

: JR0220369 Lab Number : 06232466 Unique Number : 11115959

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 Jul 2024 **Tested** 

Diagnosed Test Package : CONST ( Additional Tests: PQ )

: 11 Jul 2024 : 11 Jul 2024 - Sean Felton

JRE - CHARLOTTE 9550 STATESVILLE ROAD CHARLOTTE, NC US 28269

Contact: CHARLOTTE SHOP myoung@jamesriverequipment.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)

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