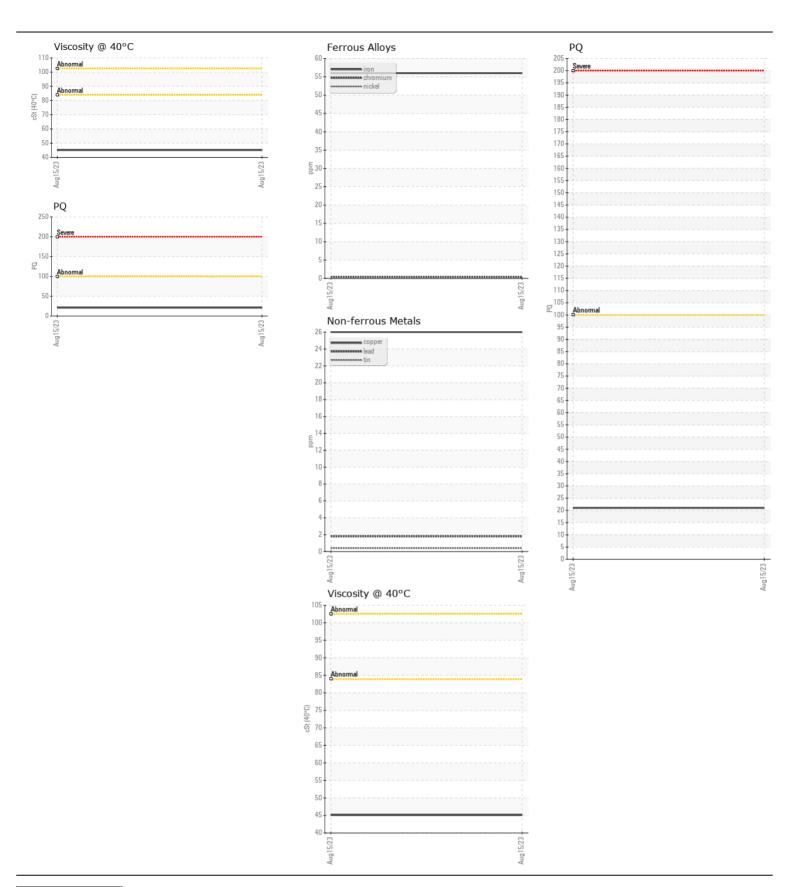
WEAR CONTAMINATION FLUID CONDITION

NORMAL ABNORMAL NORMAL

JOHN DEERE 7760 1N07760XCC0040519

Pump Drive

Test						
	UOM	Method	Limit/Abn	Current	History1	History2
•						
	hrs			_		
_						
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		N/A		
Sample Status				ABNORMAL		
DO		ACTM D0104		04		
	nnm		\151			
Titanium		ASTM D5185m				
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>21	0		
Lead	ppm	ASTM D5185m	>51	2		
Copper	ppm	ASTM D5185m	>51	26		
Tin	ppm	ASTM D5185m	>4	<1		
Vanadium	ppm	ASTM D5185m		<1		
White Metal	scalar	*Visual	NONE	MODER		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	mag	ASTM D5185m	>31	5		
Potassium				<1		
Water		WC Method	>0.1	NEG		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	▲ MODER		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Sodium	mag	ASTM D5185m	>51	3		
Boron				0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		100		
Calcium	ppm	ASTM D5185m		3376		
Phosphorus	ppm	ASTM D5185m		968		
Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m		1234 4077		
	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	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 Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron ppm Barium ppm Magnesium ppm	Sample Date Machine Age Machine Age Machine Age Mrs Client Info Cil Age Mrs Client Info Filter Age Mrs 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 Copper Ppm ASTM D5185m Copper Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual Silicon Ppm ASTM D5185m Visual Scalar Visual Silicon Ppm ASTM D5185m Vater WC Method Silt Scalar Appearance Scalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Visual Sand/Dirt Scalar Scalar Appearance Scalar Scalar Appearance Scalar Scalar Appearance Scalar Scalar Appearance Scalar Appearance Scalar Scalar Appearance Appearan	Sample Date Machine Age Mrs Client Info Oil Age Mrs Client Info Client Info Filter Age Mrs Client Info Client Info Client Info Client Info Client Info Client Info Filter Changed Filter Changed Sample Status PQ ASTM D8184 Iron Ppm ASTM D5185m S10 Chromium Ppm ASTM D5185m Silver Ppm ASTM D5185m Silver Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Aluminum Ppm ASTM D5185m ASTM D5185m Silver Ppm ASTM D5185m Silver Aluminum Ppm ASTM D5185m S51 Copper Ppm ASTM D5185m S51 Copper Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vone Valieual NONE Silicon Ppm ASTM D5185m S20 Water Visual NONE Silt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar ASTM D5185m VONE Sand/Dirt Scalar ASTM D5185m NONE ASTM D5185m ASTM D5185m MORML ASTM D5185m ASTM D5185m MORML ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Molybdenum Ppm ASTM D5185m Magnesium Ppm ASTM D5185m ASTM D5185m Magnesium Ppm ASTM D5185m ASTM D5	Sample Date Client Info 15 Aug 2023 Machine Age hrs Client Info 3577 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status ABNORMAL PQ ASTM D8184 21 Iron ppm ASTM D5185m >151 56 Chromium ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >10 0 Silver ppm ASTM D5185m >21 0 Aluminum ppm ASTM D5185m >21 0 Lead ppm ASTM D5185m >51 2 Copper ppm ASTM D5185m >4 <1	Sample Date Client Info 15 Aug 2023







Certificate L2367

Laboratory Sample No.

: JR0172338 Lab Number : 05926314 Unique Number : 10606261

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

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

: 16 Aug 2023

: 17 Aug 2023 : 17 Aug 2023 - Sean Felton

JRE - WAKEFIELD 10489 GENERAL MAHONE HWY WAKEFIELD, VA

US 23888

T: (757)899-3232

Contact: BILL ACKER backer@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) F: (757)899-6464