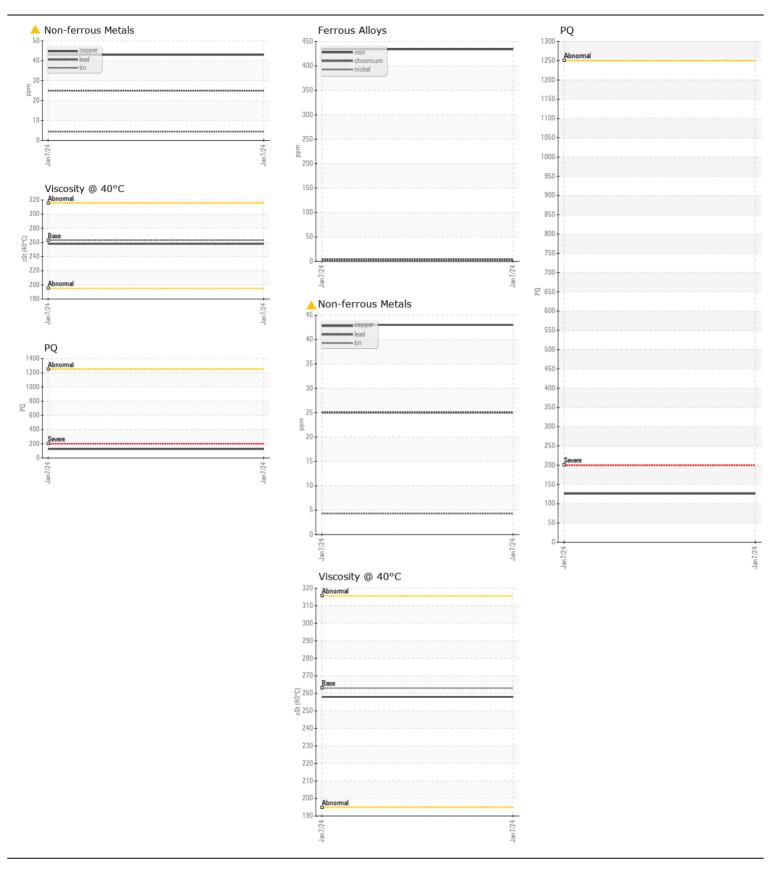
WEAR CONTAMINATION FLUID CONDITION **ABNORMAL NORMAL NORMAL**

JOHN DEERE 7760 1N07760XJB0035205

Rear Right Final Drive

No corrective action is recommended at this time. Resample at the next service interval to monitor.	GEAR OIL SAE 80W140 (GAL)							
No corrective action is recommended at this time. Resample at the next service interval to monitor. Sample Date Client Info 07 yas 2024	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Client Info Color		Sample Number		Client Info		JR0201868	-	
Filter Age		Sample Date		Client Info		07 Jan 2024		
Filter Age		Machine Age	hrs	Client Info		2250		
Oil Changed Cilent Info NIA		Oil Age	hrs	Client Info		0		
Filter Changed Client Info NA ANORMA NA ANORMA		Filter Age	hrs	Client Info		0		
NEAR PQ ASTM D8184 1250 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 126 12		Oil Changed		Client Info		N/A		
PQ		Filter Changed		Client Info		N/A		
Profestion Pr		Sample Status				ABNORMAL		
Chromium Spm ASTM D5185m >9 4 Nickel ppm ASTM D5185m >10 -1 Titanium ppm ASTM D5185m >10 -1 Silver ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >40 -1 Aluminum ppm ASTM D5185m >40 -1 Lead ppm ASTM D5185m >40 Add Copper ppm ASTM D5185m >10 Add Tin ppm ASTM D5185m >10 Add Tin ppm ASTM D5185m >10 Add Tin ppm ASTM D5185m >10 Add Vanadium ppm ASTM D5185m >10 Add Vanadium ppm ASTM D5185m >10 Add Valued value	WEAR	PQ		ASTM D8184	>1250	126		
Chromium Chromium		Iron	ppm	ASTM D5185m	>750	434		
Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 5-40 <1 Lead ppm ASTM D5185m 5-10 4 Copper ppm ASTM D5185m 5-10 4 Tin ppm ASTM D5185m 5-10 4 Vanadium ppm ASTM D5185m 5-10 4 Vanadium ppm ASTM D5185m 5-10 4 Valow Metal scalar *Visual NONE NONE Vellow Metal scalar *Visual NONE NONE Valow Metal scalar *Visual NONE NONE Potassium ppm ASTM D5185m 5-20 16 Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Appearance scalar *Visual NONE NONE Appearance scalar *Visual NONE NONE Appearance scalar *Visual NONE NORE Appearance scalar *Visual NONE NORE Appearance scalar *Visual NONE NORE Appearance scalar *Visual NORM NORM Appearance scalar *Visual NORM NORM Appearance scalar *Visual NORE NORE Appearance scalar *Visual NORE NORE Debris scalar *Visual NORE NORE .		Chromium	ppm	ASTM D5185m	>9	4		
Silver ppm ASTM D5185m > 0		Nickel	ppm	ASTM D5185m	>10	<1		
Aluminum ppm ASTM D5185m >40 <1		Titanium	ppm	ASTM D5185m		0		
Lead		Silver	ppm	ASTM D5185m		0		
Copper		Aluminum	ppm	ASTM D5185m	>40	<1		
Tin		Lead	ppm	ASTM D5185m	>15	<u> </u>		
Vanadium ppm ASTM D5185m 0 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE NONE NONE Water WC Method >0.075 NEG NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE -			ppm			4 3		
White Metal Scalar Visual NONE NONE NONE Visual NONE NONE Visual NONE NONE Visual Visual NONE Visual Visual Visual NONE Visual Visua			ppm		>10			
Yellow Metal Scalar *Visual NONE NON			ppm					
CONTAMINATION Silicon ppm ASTM D5185m >75 19			scalar					
Potassium ppm ASTM D5185m >20 16		Yellow Metal	scalar	*Visual	NONE	NONE		
Water WC Method >0.075 NEG Silt scalar *Visual NONE NONE Debris scalar *Visual NONE LIGHT Sand/Dirt scalar *Visual NORML	CONTAMINATION	Silicon	ppm	ASTM D5185m	>75	19		
Water WC Method >0.075 NEG Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML	There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	16		
Debris Scalar *Visual NONE LIGHT		Water		WC Method	>0.075	NEG		
Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML		Silt	scalar	*Visual	NONE	NONE		
Appearance Scalar *Visual NORML NORML Odor Scalar *Visual NORML NORM			scalar	*Visual				
Odor scalar *Visual NORML NORML Full FLUID CONDITION		Sand/Dirt	scalar					
Emulsified Water scalar *Visual >0.075 NEG			scalar					
Sodium ppm ASTM D5185m >51 8		Odor	scalar			NORML		
Boron ppm ASTM D5185m 400 185 Barium ppm ASTM D5185m 200 <1 Molybdenum ppm ASTM D5185m 12 0 Manganese ppm ASTM D5185m 12 5 Magnesium ppm ASTM D5185m 12 5 Calcium ppm ASTM D5185m 150 150 Phosphorus ppm ASTM D5185m 1650 934		Emulsified Water	scalar	*Visual	>0.075	NEG		
Barium ppm ASTM D5185m 200 <1 Molybdenum ppm ASTM D5185m 12 0 Manganese ppm ASTM D5185m 12 5 Magnesium ppm ASTM D5185m 12 5 Calcium ppm ASTM D5185m 150 150 Phosphorus ppm ASTM D5185m 1650 934	FLUID CONDITION	Sodium	ppm	ASTM D5185m	>51	8		
Barium ppm ASTM D5185m 200 <1	The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	400	185		
Manganese ppm ASTM D5185m 6 Magnesium ppm ASTM D5185m 12 5 Calcium ppm ASTM D5185m 150 150 Phosphorus ppm ASTM D5185m 1650 934		Barium	ppm	ASTM D5185m	200	<1		
Magnesium ppm ASTM D5185m 12 5 Calcium ppm ASTM D5185m 150 150 Phosphorus ppm ASTM D5185m 1650 934		Molybdenum	ppm	ASTM D5185m	12	0		
Calcium ppm ASTM D5185m 150 150 Phosphorus ppm ASTM D5185m 1650 934		-	ppm					
Phosphorus ppm ASTM D5185m 1650 934		-	ppm					
Zinc ppm ASTM D5185m 125 79		•	ppm					
Sulfur ppm ASTM D5185m 22500 24920								
Visc @ 40°C cSt ASTM D445 263 258 Report Id: JAMWAK IWUSCARI 06054262 (Generated: 01/09/2024 20:18:07) Rev: 1 Contact/Location: BILL ACKER - JAMWAK	Describing IAANAWAY (IAM) IOO A DI 2007 4000 / O	visc @ 40°C	cSt	ASTM D445				





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

: JR0201868 : 06054262 : 10820211

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

Diagnostician : Don Baldridge Test Package : CONST (Additional Tests: PQ)

: 08 Jan 2024 : 09 Jan 2024

JRE - WAKEFIELD 10489 GENERAL MAHONE HWY WAKEFIELD, VA US 23888

Contact: BILL ACKER backer@jamesriverequipment.com T: (757)899-3232

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

Contact/Location: BILL ACKER - JAMWAK