



WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

Area

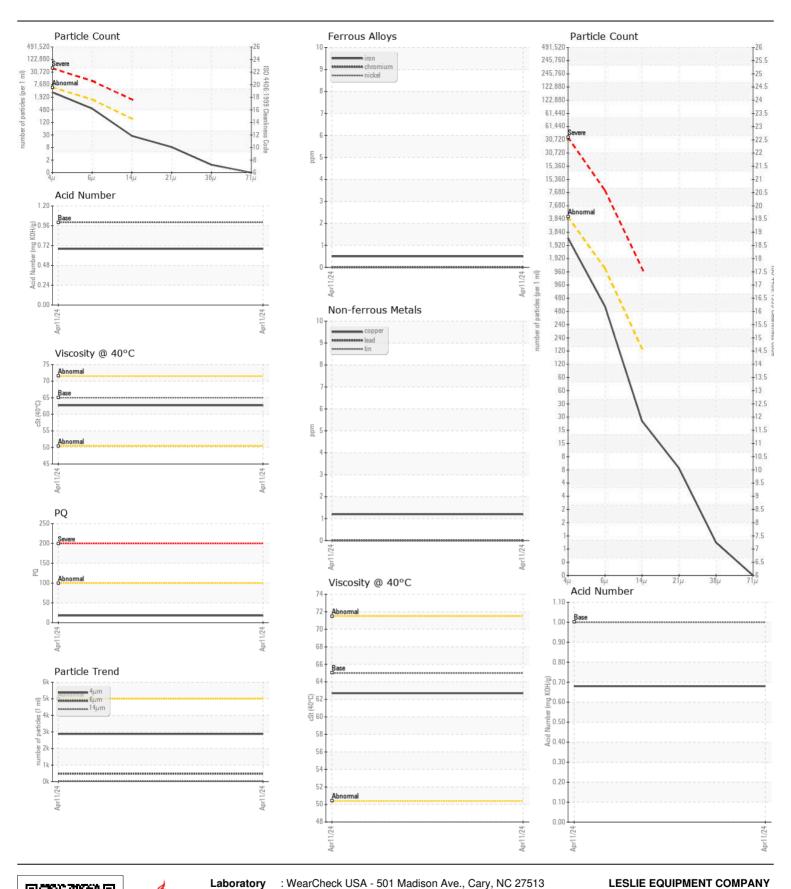
Store 2 - Beaver [RO#149637]

JOHN DEERE 744P 1DW744PAKRLX07823

Hydraulic System

JOHN DEERE HYDRAU (40 GAL)

Pesample at the next service interval to monitor.	JOHN DEERE HYDRAU (40 GA	AL)						
Resample at the next service interval to monitor.	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age		Sample Number		Client Info		LEC0048854		
Oil Age hrs Client Info 651 Filter Age hrs Client Info 651 Oil Changad Filter Changed Client Info Not Changed Filter Changed Client Info Not Changed	Resample at the next service interval to monitor.	Sample Date		Client Info		11 Apr 2024		
Filter Age			hrs	Client Info		651		
Cilchanged Cilchert Changed Cilchert Changed Cilchert Changed Changed		Oil Age	hrs	Client Info		651		
Filter Changed Sample Status NoRMAL NORM		Filter Age	hrs	Client Info		651		
Nome		Oil Changed		Client Info		Not Changd		
PQ		Filter Changed		Client Info		Not Changd		
All component wear rates are normal. Frame		Sample Status				NORMAL		
All component wear rates are normal. Frame	WEAR	PQ		ASTM D8184		18		
Nickel ppm ASTM D6185m >10 0		Iron	ppm	ASTM D5185m	>20	<1		
Titanium ppm ASTM 05185m 0		Chromium		ASTM D5185m	>10	0		
Silver ppm ASTM D5185m >10 0		Nickel	ppm	ASTM D5185m	>10	0		
Silver ppm ASTM D5185m -10 0		Titanium		ASTM D5185m		0		
Lead ppm ASTM DS185m >10 0		Silver		ASTM D5185m		0		
Lead		Aluminum		ASTM D5185m	>10	0		
Tin		Lead		ASTM D5185m	>10	0		
Vanadium		Copper	ppm	ASTM D5185m	>75	1		
White Metal Yellow Metal Scalar Yisual NONE NONE NONE NONE NONE NONE NONE NON		Tin	ppm	ASTM D5185m	>10	0		
Vellow Metal Scalar Visual NONE NO		Vanadium	ppm	ASTM D5185m		0		
Silicon ppm ASTM D5185m 20 0		White Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 0		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 0	CONTAMINATION	Silicon	ppm	ASTM D5185m	>20	6		
Particles >4µm		Potassium	ppm	ASTM D5185m	>20	0		
Particles >6jum		Water		WC Method	>0.1	NEG		
Particles >14µm		Particles >4µm		ASTM D7647	>5000	2876		
Particles >21µm		Particles >6µm		ASTM D7647	>1300	482		
Particles >38µm ASTM D7647 >10 1 Particles >71µm ASTM D7647 >3 0 Oil Cleanliness Silt Socialar Sild Socialar Sild NONE Debris Scalar Visual NONE Light Sand/Dirt Scalar Visual NORM N		Particles >14µm		ASTM D7647	>160	24		
Particles > 71 \(\mu \)		Particles >21µm				7		
Oil Cleanliness ISO 4406 (c) 19/17/14 19/16/12		Particles >38µm		ASTM D7647	>10	1		
Silt scalar *Visual NONE						0		
Debris Scalar *Visual NONE Scalar *Visual NONE NORE NONE NO					>19/17/14	19/16/12		
Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORM			scalar			_		
Appearance Scalar *Visual NORML NORM			scalar					
Odor Scalar Visual NORML NORML NORML Emulsified Water Scalar Visual Visual NORML NORML								
Emulsified Water scalar *Visual > 0.1 NEG								
Sodium ppm ASTM D5185m 3								
Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 3 Calcium ppm ASTM D5185m 3 Calcium ppm ASTM D5185m 727 616 Zinc ppm ASTM D5185m 727 616 Sulfur ppm ASTM D5185m 1500 2222 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68	<u></u>	Emulsified Water	scalar	*Visual	>0.1	NEG		
Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 3 Calcium ppm ASTM D5185m 87 512 Phosphorus ppm ASTM D5185m 727 616 Zinc ppm ASTM D5185m 900 752 Sulfur ppm ASTM D5185m 1500 2222 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68	FLUID CONDITION	Sodium	ppm			3		
Molybdenum ppm ASTM D5185m <1 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 3 Calcium ppm ASTM D5185m 87 512 Phosphorus ppm ASTM D5185m 727 616 Zinc ppm ASTM D5185m 900 752 Sulfur ppm ASTM D5185m 1500 2222 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68	The ANI book is a constable founds to the Till 1997 of the 1997		ppm			0		
Molybderfulfi ppm ASTM D5185m Q Manganese ppm ASTM D5185m Q Magnesium ppm ASTM D5185m R 512 Calcium ppm ASTM D5185m 727 616 Phosphorus ppm ASTM D5185m 900 752 Zinc ppm ASTM D5185m 1500 2222 Sulfur ppm ASTM D8045 1.0 0.68 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68	•	Barium	ppm	ASTM D5185m		0		
Magnesium ppm ASTM D5185m 3 Calcium ppm ASTM D5185m 87 512 Phosphorus ppm ASTM D5185m 727 616 Zinc ppm ASTM D5185m 900 752 Sulfur ppm ASTM D5185m 1500 2222 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68		•	ppm	ASTM D5185m		<1		
Calcium ppm ASTM D5185m 87 512 Phosphorus ppm ASTM D5185m 727 616 Zinc ppm ASTM D5185m 900 752 Sulfur ppm ASTM D5185m 1500 2222 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68		_	ppm					
Phosphorus ppm ASTM D5185m 727 616 Zinc ppm ASTM D5185m 900 752 Sulfur ppm ASTM D5185m 1500 2222 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68		_	ppm					
Zinc ppm ASTM D5185m 900 752 Sulfur ppm ASTM D5185m 1500 2222 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68			ppm					
Sulfur ppm ASTM D5185m 1500 2222 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68		•	ppm					
Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.68								
Visc @ 40°C cSt ASTM D445 65 62.7		, ,						
		Visc @ 40°C	cSt	ASTM D445	65	62.7		





Certificate L2367

Report Id: LESMAROH [WUSCAR] 06149476 (Generated: 04/16/2024 17:17:57) Rev: 1

Laboratory Sample No.

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

: LEC0048854 Lab Number : 06149476 Unique Number: 10979554 Test Package : CONST (Additional Tests: PQ)

Received **Tested**

: 15 Apr 2024 : 16 Apr 2024 Diagnosed

: 16 Apr 2024 - Wes Davis

US 45750-9765 Contact: LEANNE KENDALL

KendalLeanne@lec1.com T:

105 TENNIS CENTER DR.

MARIETTA, OH

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: (740)373-5570