

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Store 9 - Marietta [RO#147865] **JOHN DEERE 370E 1DW370ETAJF685530** Component

Transmission (Auto)

JOHN DEERE HD SynTran (16 GAL)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: Change oi;/Filter sampled new oil-Prev sample bad)

WEAR

All component wear rates are normal.

CONTAMINATION

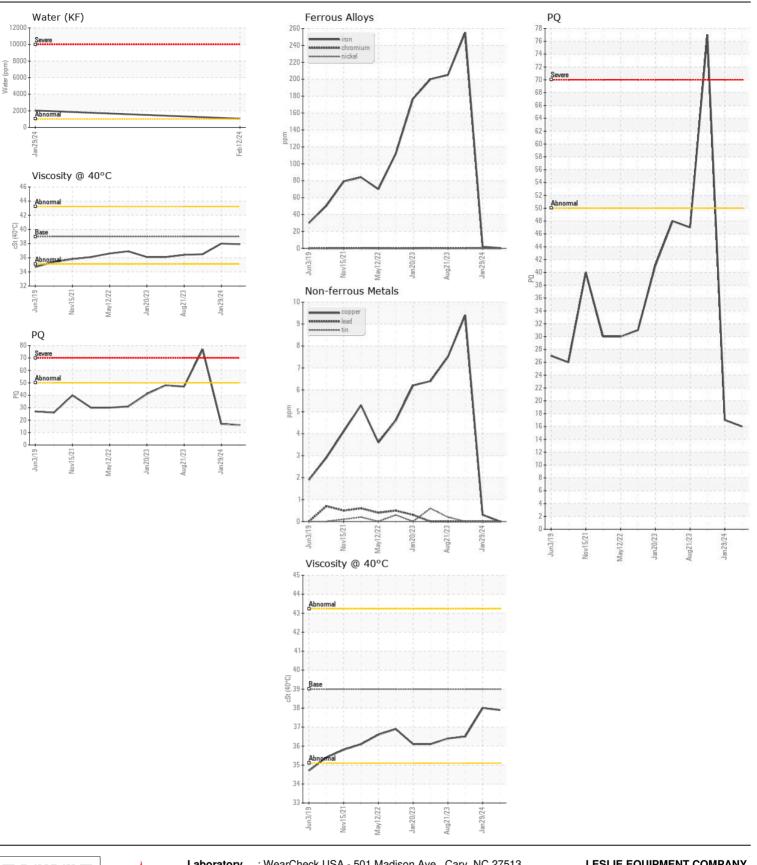
The water content is negligible. No other contaminants were detected in the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0047505	LEC0047520	LEC0046748
Sample Date		Client Info		12 Feb 2024	29 Jan 2024	19 Dec 2023
Machine Age	hrs	Client Info		5965	5963	5962
Oil Age	hrs	Client Info		1	1	1131
Filter Age	hrs	Client Info		1	1	1131
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL
PQ		ASTM D8184	>50	16	17	77
Iron	ppm	ASTM D5185m	>160	<1	2	<u> </u>
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m	-	0	0	<1
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	0	2	3
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>225	0	<1	9
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m	NONE	0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	14	2	4
Silicon Potassium	ppm ppm					
		ASTM D5185m	>20	14	2	4
Potassium	ppm	ASTM D5185m ASTM D5185m	>20 >20	14 0	2 6	4
Potassium Water	ppm %	ASTM D5185m ASTM D5185m ASTM D6304	>20 >20 >20 >0.1	14 0 0.105	2 6 ▲ 0.203	4 2
Potassium Water ppm Water	ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304	>20 >20 >0.1 >1000	14 0 0.105 1050	2 6 0.203 2030	4 2
Potassium Water ppm Water Silt	ppm % ppm scalar	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual	>20 >20 >0.1 >1000 NONE	14 0 0.105 1050 NONE	2 6 0.203 2030 NONE	4 2 NONE
Potassium Water ppm Water Silt Debris	ppm % ppm scalar scalar	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual	>20 >20 >0.1 >1000 NONE NONE	14 0 0.105 1050 NONE NONE	2 6 ▲ 0.203 ▲ 2030 NONE NONE	4 2 NONE NONE
Potassium Water ppm Water Silt Debris Sand/Dirt	ppm % ppm scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual *Visual	>20 >20 >0.1 >1000 NONE NONE NONE	14 0 0.105 1050 NONE NONE NONE	2 6 0.203 2030 NONE NONE NONE	4 2 NONE NONE NONE
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance	ppm % ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D6304 *Visual *Visual *Visual *Visual *Visual	>20 >20 >0.1 >1000 NONE NONE NONE NORML	14 0 0.105 1050 NONE NONE NONE NORML	2 6 0.203 2030 NONE NONE NONE NORML	4 2 NONE NONE NONE NORML
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor	ppm % ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual *Visual *Visual *Visual	>20 >20 >0.1 >1000 NONE NONE NORML NORML	14 0 0.105 1050 NONE NONE NORE NORML	2 6 2030 2030 NONE NONE NONE NONE NORML NORML	4 2 NONE NONE NONE NORML NORML
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm % ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual	>20 >20 >0.1 >1000 NONE NONE NORML NORML	14 0 0.105 1050 NONE NONE NONE NORML NORML 0.2%	2 6 2030 2030 NONE NONE NONE NONE NORML NORML 0.2%	4 2 NONE NONE NONE NORML NORML NEG
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm % ppm scalar scalar scalar scalar scalar scalar gpm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 >1000 NONE NONE NORML NORML >0.1	14 0 0.105 1050 NONE NONE NONE NORML 0.2%	2 6 2030 2030 NONE NONE NONE NORML NORML 0.2%	4 2 NONE NONE NONE NORML NORML NEG 0
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm % ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >20 >0.1 >1000 NONE NONE NORML NORML >0.1	14 0 0.105 1050 NONE NONE NORML 0.2% 0 130	2 6 0.203 2030 NONE NONE NORML NORML 0.2% 0 134	4 2 NONE NONE NORML NORML NEG 0 128
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm % ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >20 >0.1 >1000 NONE NONE NORML NORML >0.1	14 0 0.105 1050 NONE NONE NORML 0.2% 0 130 0	2 6 0.203 NONE NONE NONE NORML 0.2% 0 134	4 2 NONE NONE NORML NORML NORML NEG 0 128 0
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm % ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 >1000 NONE NONE NORML NORML >0.1	14 0 0.105 1050 NONE NONE NORML 0.2% 0 130 0 <1	2 6 3 0.203 3 2030 1 NONE 1 NONE 1 NORML 0.2% 0 134 1 0	4 2 NONE NONE NONE NORML NORML NORML NEG 0 128 0 < 1
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm % ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 >1000 NONE NONE NORML NORML >0.1	14 0 0.105 1050 NONE NONE NORML NORML 0.2% 0 130 0 <1 0	2 6 0.203 NONE NONE NONE NORML 0.2% 0 134 1 0 0	4 2 NONE NONE NONE NORML NORML NEG 0 128 0 (128 0 (128) 0
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm % ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 >1000 NONE NONE NORML >0.1	14 0 0.105 1050 NONE NONE NORML 0.2% 0 130 0 <1 0 <1	2 6 0.203 NONE NONE NONE NORML 0.2% 0 134 1 0 0 0 2	4 2 NONE NONE NORML NORML NORML NEG 0 128 0 0128023
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm % ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 >1000 NONE NONE NORML >0.1 168	14 0 0.105 1050 NONE NONE NORML 0.2% 0 130 0 <1 0 <1 0 <1 0 <1 69	2 6 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 2 NONE NONE NONE NORML NORML NORML 128 0 128 0 (128 0 (128 0 (128 0 (128 0 (128 0 (128 0 (128 0 (128 0 (128) (128) (128) (128) (128) (128) (128) (128) (128) (128) (128) (128) (128) (128) (128) (128) (128) (128) (128)(128)(128)(128)(128)(128)(128)(128)
Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm % ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 >1000 NONE NONE NORML NORML >0.1	14 0 0.105 1050 NONE NONE NORML 0.2% 0 130 0 <1 0 <1 0 <1 0 <1 0 <1 0 248	2 6 0.203 NONE NONE NONE NORML 0.2% 0 134 1 0 0 134 1 0 0 2 73 294	4 2 NONE NONE NONE NORML NORML NORML 128 0 128 0 (128 0 (128 0 3 186 337

FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Submitted By: STORE 2 - BEAVER - CASEY TONEY



: WearCheck USA - 501 Madison Ave., Cary, NC 27513 LESLIE EQUIPMENT COMPANY Laboratory Sample No. Received : 14 Feb 2024 105 TENNIS CENTER DR. : LEC0047505 Lab Number : 06089041 : 15 Feb 2024 MARIETTA, OH Tested Unique Number : 10876486 : 15 Feb 2024 - Sean Felton US 45750-9765 Diagnosed Test Package : CONST (Additional Tests: KF, PQ) Contact: LEANNE KENDALL Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. KendalLeanne@lec1.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (740)373-5570

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