

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

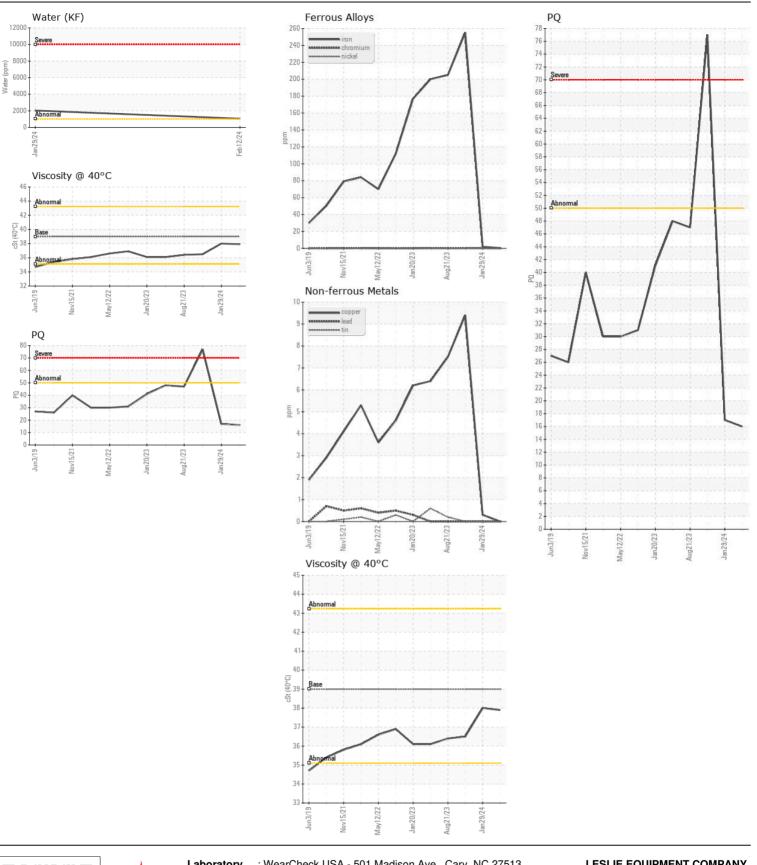
The water content is negligible. No other contaminants were detected in the fluid.

| 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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