



OIL ANALYSIS REPORT

| | |
|-----------------|---------------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |



Area
Store 8 - Pikeville [152974]
Machine Id
JOHN DEERE 950K 1T0950KPLJF338554
Component
Left Outer Final Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (4 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | LEC0049156 | LEC0048596 | LEC0040889 |
| Sample Date | | Client Info | | 16 Jul 2024 | 19 Mar 2024 | 17 Oct 2023 |
| Machine Age | hrs | Client Info | | 6152 | 5631 | 5080 |
| Oil Age | hrs | Client Info | | 0 | 551 | 726 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Changed | Not Chngd | Changed |
| Filter Changed | | Client Info | | Not Chngd | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|------|------|
| PQ | | ASTM D8184 | >1250 | 20 | 15 | 17 |
| Iron | ppm | ASTM D5185m | >750 | 11 | 5 | 9 |
| Chromium | ppm | ASTM D5185m | >9 | 0 | 0 | <1 |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | <1 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >40 | 2 | <1 | 2 |
| Lead | ppm | ASTM D5185m | >15 | 0 | 0 | <1 |
| Copper | ppm | ASTM D5185m | >40 | 0 | 0 | <1 |
| Tin | ppm | ASTM D5185m | >10 | 0 | <1 | <1 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

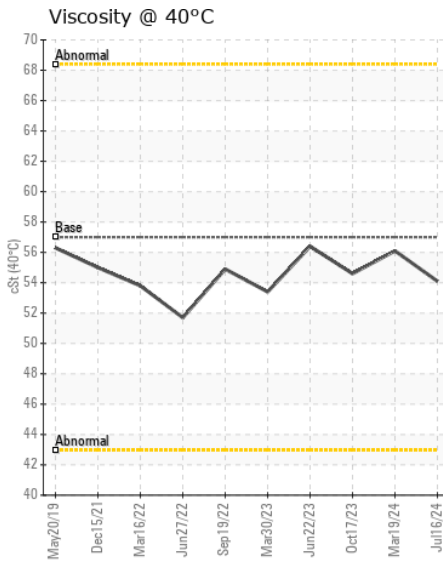
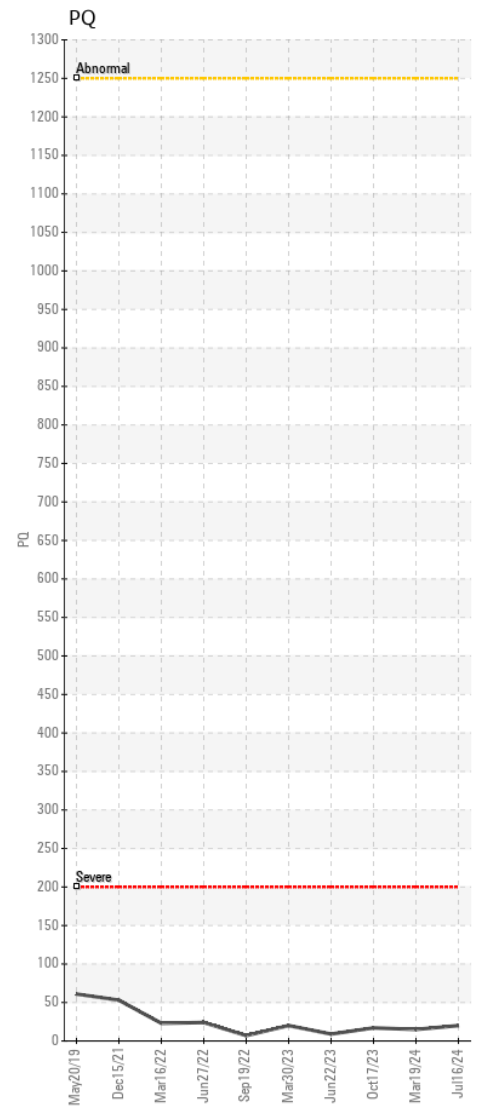
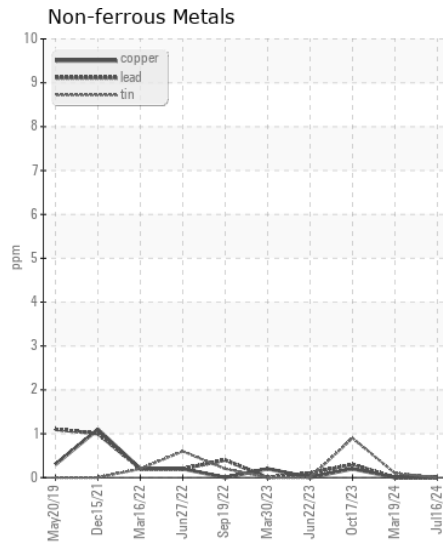
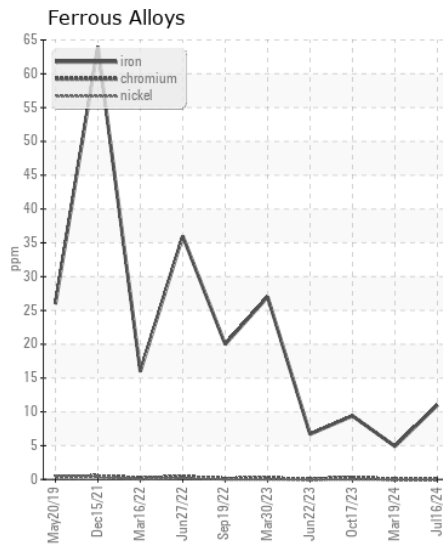
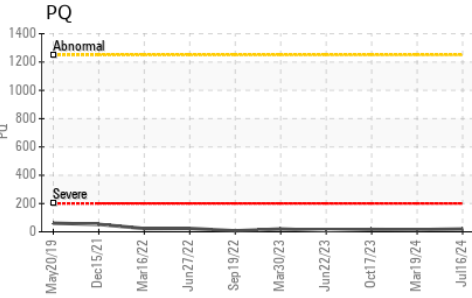
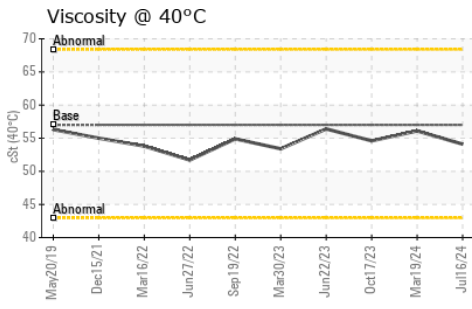
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >75 | 9 | 7 | 8 |
| Potassium | ppm | ASTM D5185m | >20 | 0 | 0 | 1 |
| Water | | WC Method | >0.075 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual | >0.075 | NEG | NEG | NEG |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185m | >51 | 2 | <1 | 2 |
| Boron | ppm | ASTM D5185m | 6 | 1 | <1 | 1 |
| Barium | ppm | ASTM D5185m | 0 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | <1 | 0 | 0 |
| Manganese | ppm | ASTM D5185m | | <1 | 0 | <1 |
| Magnesium | ppm | ASTM D5185m | 145 | 106 | 111 | 98 |
| Calcium | ppm | ASTM D5185m | 3570 | 3311 | 3429 | 3285 |
| Phosphorus | ppm | ASTM D5185m | 1290 | 991 | 1009 | 933 |
| Zinc | ppm | ASTM D5185m | 1640 | 1145 | 1213 | 1205 |
| Sulfur | ppm | ASTM D5185m | | 3729 | 3933 | 3520 |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 54.1 | 56.1 | 54.6 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0049156 **Received** : 17 Jul 2024
Lab Number : 06239447 **Tested** : 18 Jul 2024
Unique Number : 11128281 **Diagnosed** : 18 Jul 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
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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)

T:
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