LESLIE EQUIPMENT CO.

# OIL ANALYSIS REPORT

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

Area
## Store 9 - Marietta
Machine Id
## JOHN DEERE 650K 1T0650KKLPF435155
Component
## Hydrostatic
Fluid
## JOHN DEERE HYDRAU (26 GAL)

## RECOMMENDATION

Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

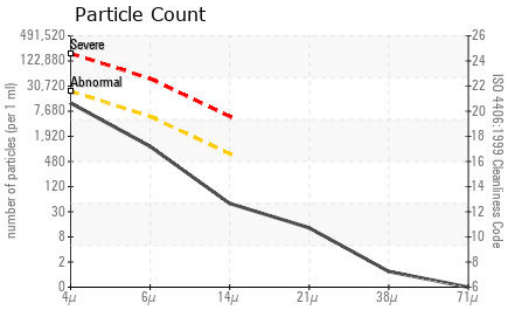
## CONTAMINATION

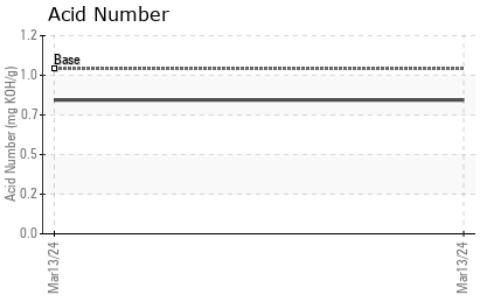
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

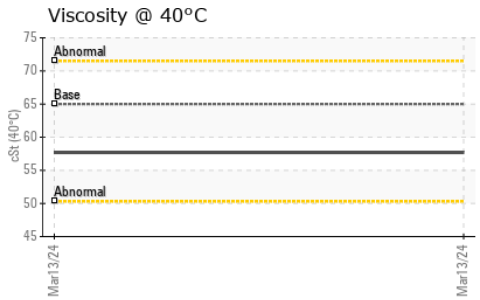
## FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

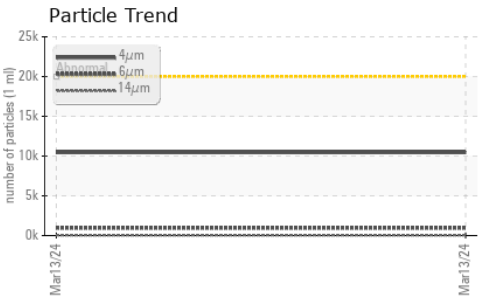
| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---|---|---|---|---|---|---|
| Sample Number | | Client Info | | LEC0049693 | --- | --- |
| Sample Date | | Client Info | | 13 Mar 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 427 | --- | --- |
| Oil Age | hrs | Client Info | | 427 | --- | --- |
| Filter Age | hrs | Client Info | | 427 | --- | --- |
| Oil Changed | | Client Info | | Not Changd | --- | --- |
| Filter Changed | | Client Info | | Not Changd | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |
| PQ | | ASTM D8184 | | 13 | --- | --- |
| Iron | ppm | ASTM D5185m | >31 | 4 | --- | --- |
| Chromium | ppm | ASTM D5185m | >9 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185m | >5 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185m | | 0 | --- | --- |
| Silver | ppm | ASTM D5185m | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >10 | <1 | --- | --- |
| Lead | ppm | ASTM D5185m | >11 | <1 | --- | --- |
| Copper | ppm | ASTM D5185m | >41 | 5 | --- | --- |
| Tin | ppm | ASTM D5185m | >5 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Silicon | ppm | ASTM D5185m | >31 | <1 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | <1 | --- | --- |
| Water | | WC Method | >0.1 | NEG | --- | --- |
| Particles >4µm | | ASTM D7647 | >20000 | 10450 | --- | --- |
| Particles >6µm | | ASTM D7647 | >5000 | 964 | --- | --- |
| Particles >14µm | | ASTM D7647 | >640 | 42 | --- | --- |
| Particles >21µm | | ASTM D7647 | >160 | 11 | --- | --- |
| Particles >38µm | | ASTM D7647 | >40 | 1 | --- | --- |
| Particles >71µm | | ASTM D7647 | >10 | 0 | --- | --- |
| Oil Cleanliness | | ISO 4406 (c) | >21/19/16 | 21/17/13 | --- | --- |
| Silt | scalar | *Visual | NONE | NONE | --- | --- |
| Debris | scalar | *Visual | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | --- | --- |
| Sodium | ppm | ASTM D5185m | >21 | 0 | --- | --- |
| Boron | ppm | ASTM D5185m | | 0 | --- | --- |
| Barium | ppm | ASTM D5185m | | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185m | | 0 | --- | --- |
| Calcium | ppm | ASTM D5185m | 87 | 87 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | 727 | 672 | --- | --- |
| Zinc | ppm | ASTM D5185m | 900 | 876 | --- | --- |
| Sulfur | ppm | ASTM D5185m | 1500 | 1867 | --- | --- |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 1.0 | 0.81 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | 65 | 57.7 | --- | --- |

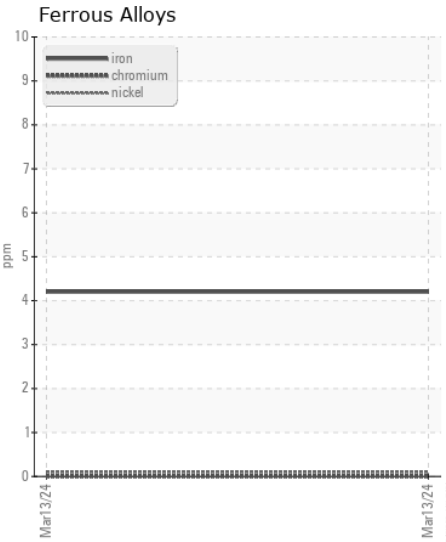


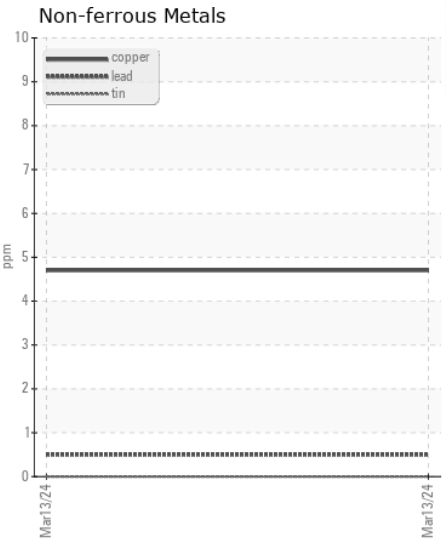



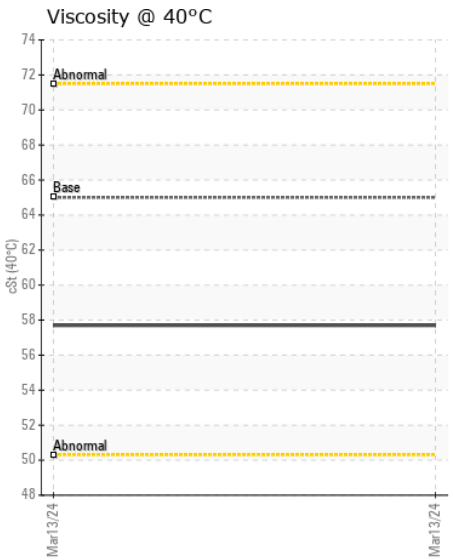



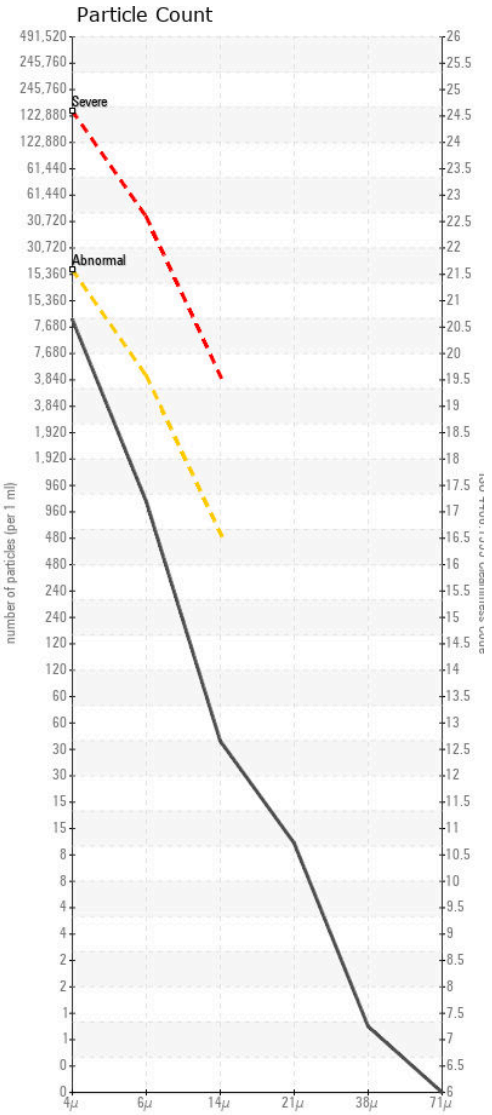


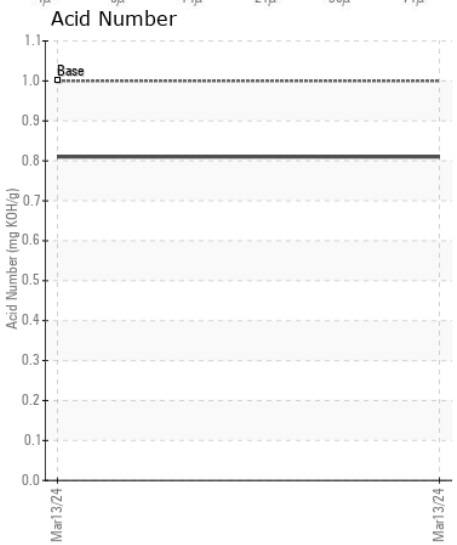



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513
**Sample No.** : LEC0049693 **Received** : 19 Mar 2024
**Lab Number** : 06122272 **Tested** : 20 Mar 2024
**Unique Number** : 10936423 **Diagnosed** : 20 Mar 2024 - Wes Davis
**Test Package** : CONST ( Additional Tests: PQ, PrtCount )

*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)*

**LESLIE EQUIPMENT COMPANY**
105 TENNIS CENTER DR.
MARIETTA, OH
US 45750-9765
Contact: LEANNE KENDALL
KendalLeanne@lec1.com
T:
F: (740)373-5570