LESLIE EQUIPMENT CO.

# OIL ANALYSIS REPORT

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

Area
## Store 2 - Beaver [RO#152533]
Machine Id
## JOHN DEERE 460P 1DW460PAEPFB06250
Component
## Rear Axle
Fluid
## JOHN DEERE HY-GARD HYD/TRANS (18 GAL)

## RECOMMENDATION

Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

## CONTAMINATION

There is no indication of any contamination in the oil.

## FLUID CONDITION

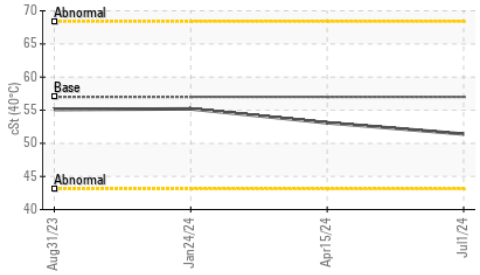
The condition of the oil is acceptable for the time in service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---|---|---|---|---|---|---|
| Sample Number | | Client Info | | **LEC0051180** | LEC0048866 | LEC0046926 |
| Sample Date | | Client Info | | **01 Jul 2024** | 15 Apr 2024 | 24 Jan 2024 |
| Machine Age | hrs | Client Info | | **2132** | 1636 | 1148 |
| Oil Age | hrs | Client Info | | **2132** | 1636 | 1148 |
| Filter Age | hrs | Client Info | | **1555** | 1059 | 571 |
| Oil Changed | | Client Info | | **Changed** | Not Changd | Not Changd |
| Filter Changed | | Client Info | | **Changed** | Not Changd | Not Changd |
| Sample Status | | | | **NORMAL** | NORMAL | NORMAL |
| PQ | | ASTM D8184 | | **17** | 15 | 18 |
| Iron | ppm | ASTM D5185m | >750 | **32** | 37 | 46 |
| Chromium | ppm | ASTM D5185m | >11 | **<1** | <1 | <1 |
| Nickel | ppm | ASTM D5185m | >10 | **<1** | <1 | 0 |
| Titanium | ppm | ASTM D5185m | | **<1** | <1 | 0 |
| Silver | ppm | ASTM D5185m | | **<1** | <1 | 0 |
| Aluminum | ppm | ASTM D5185m | >21 | **2** | 2 | 2 |
| Lead | ppm | ASTM D5185m | >49 | **5** | 7 | 4 |
| Copper | ppm | ASTM D5185m | >101 | **42** | 52 | 40 |
| Tin | ppm | ASTM D5185m | >10 | **2** | 4 | 2 |
| Vanadium | ppm | ASTM D5185m | | **<1** | <1 | 0 |
| White Metal | scalar | *Visual | NONE | **NONE** | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | **NONE** | NONE | NONE |
| Silicon | ppm | ASTM D5185m | >31 | **8** | 7 | 5 |
| Potassium | ppm | ASTM D5185m | >20 | **0** | 2 | 3 |
| Water | | WC Method | >0.1 | **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 | >0.1 | **NEG** | NEG | NEG |
| Sodium | ppm | ASTM D5185m | >51 | **6** | 3 | 0 |
| Boron | ppm | ASTM D5185m | 6 | **0** | 2 | 1 |
| Barium | ppm | ASTM D5185m | 0 | **4** | 7 | 6 |
| Molybdenum | ppm | ASTM D5185m | 0 | **<1** | 1 | 0 |
| Manganese | ppm | ASTM D5185m | | **2** | 4 | 2 |
| Magnesium | ppm | ASTM D5185m | 145 | **105** | 151 | 110 |
| Calcium | ppm | ASTM D5185m | 3570 | **3903** | 5112 | 3576 |
| Phosphorus | ppm | ASTM D5185m | 1290 | **1104** | 1705 | 1094 |
| Zinc | ppm | ASTM D5185m | 1640 | **1282** | 1878 | 1330 |
| Sulfur | ppm | ASTM D5185m | | **4113** | 6264 | 4518 |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | **51.4** | 53.1 | 55.2 |

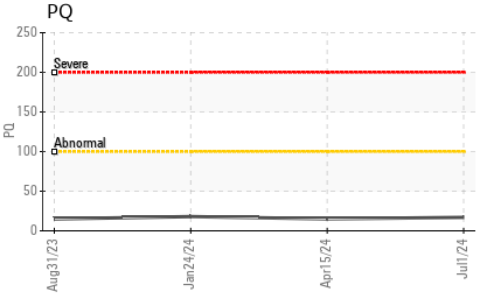
Report Id: LESMAROH [WUSCAR] 06228967 (Generated: 07/09/2024 22:14:05) Rev: 1

Submitted By: STORE 2 - BEAVER - CASEY TONEY

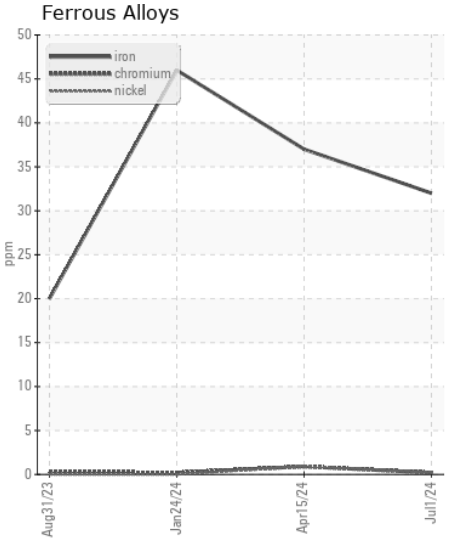
Viscosity @ 40°C



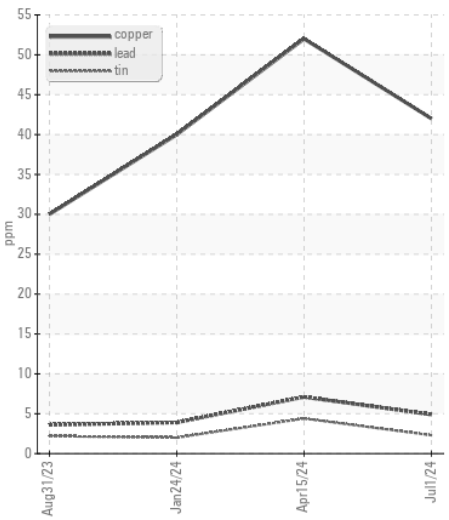

PQ



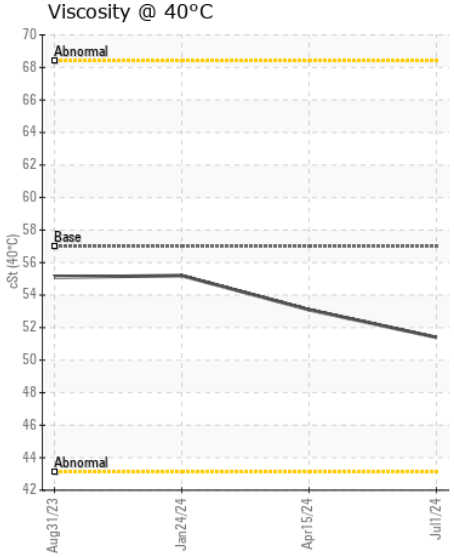

Ferrous Alloys



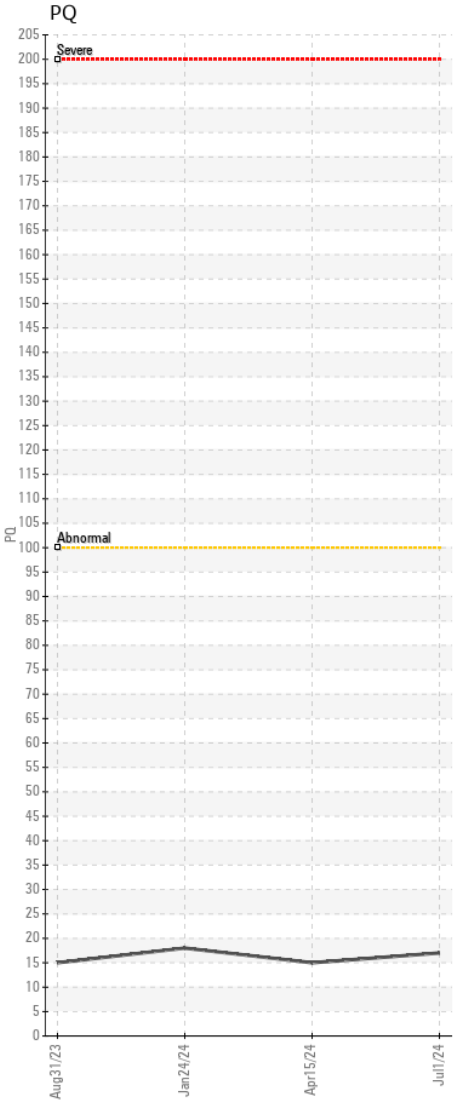

Non-ferrous Metals




Viscosity @ 40°C




PQ




Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513
**Sample No.** : LEC0051180 **Received** : 05 Jul 2024
**Lab Number** : 06228967 **Tested** : 08 Jul 2024
**Unique Number** : 11112460 **Diagnosed** : 08 Jul 2024 - Wes Davis
**Test Package** : CONST ( Additional Tests: PQ )

*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)*

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