



OIL ANALYSIS REPORT

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

Machine Id
JOHN DEERE 844L 1DW844LXANL715628
 Component
Transmission (Manual)
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | WE0007534 | WE0005382 | WE0005414 |
| Sample Date | | Client Info | | 11 Jun 2024 | 13 Nov 2023 | 21 Sep 2023 |
| Machine Age | hrs | Client Info | | 4989 | 3525 | 3091 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Changed | Not Changd | Not Changd |
| Filter Changed | | Client Info | | Changed | Not Changd | Not Changd |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| PQ | | ASTM D8184 | >95 | 17 | 13 | 16 |
| Iron | ppm | ASTM D5185m | >200 | 20 | 23 | 25 |
| Chromium | ppm | ASTM D5185m | >5 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185m | >5 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m | >7 | <1 | <1 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | <1 | <1 | 2 |
| Lead | ppm | ASTM D5185m | >45 | 0 | 0 | <1 |
| Copper | ppm | ASTM D5185m | >225 | 6 | 7 | 7 |
| 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 fluid.

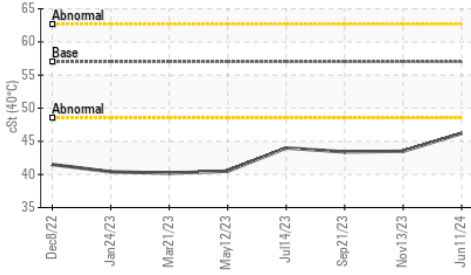
| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >125 | 7 | 9 | 9 |
| Potassium | ppm | ASTM D5185m | >20 | 2 | 0 | 0 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| 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 |

FLUID CONDITION

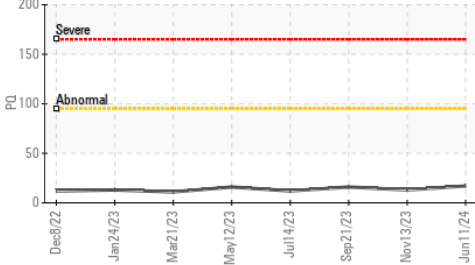
The condition of the fluid is acceptable for the time in service.

| | | | | | | |
|-------------|-----|-------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185m | | 9 | 15 | 17 |
| Boron | ppm | ASTM D5185m | 6 | 1 | <1 | 0 |
| Barium | ppm | ASTM D5185m | 0 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | 0 | <1 |
| Manganese | ppm | ASTM D5185m | | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | 145 | 93 | 85 | 88 |
| Calcium | ppm | ASTM D5185m | 3570 | 3488 | 3033 | 3206 |
| Phosphorus | ppm | ASTM D5185m | 1290 | 1044 | 918 | 990 |
| Zinc | ppm | ASTM D5185m | 1640 | 1259 | 1127 | 1202 |
| Sulfur | ppm | ASTM D5185m | | 4127 | 3197 | 3571 |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 46.2 | 43.5 | 43.4 |

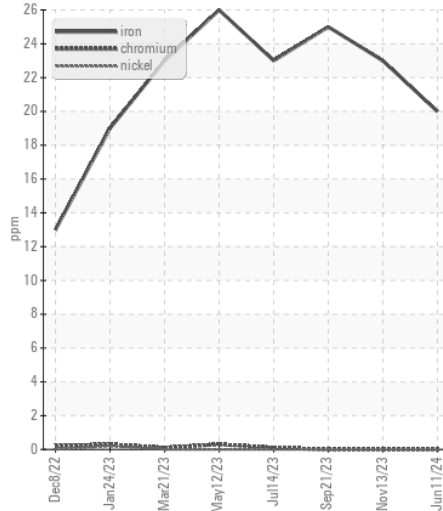
Viscosity @ 40°C



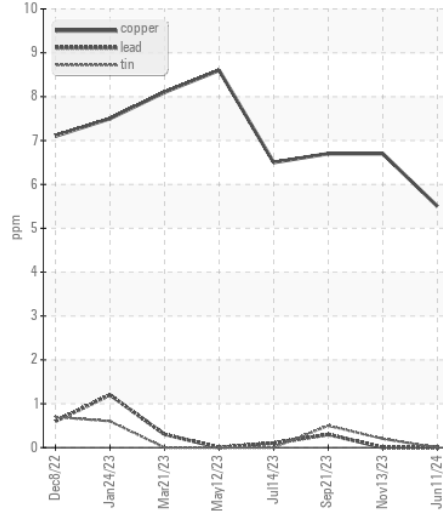
PQ



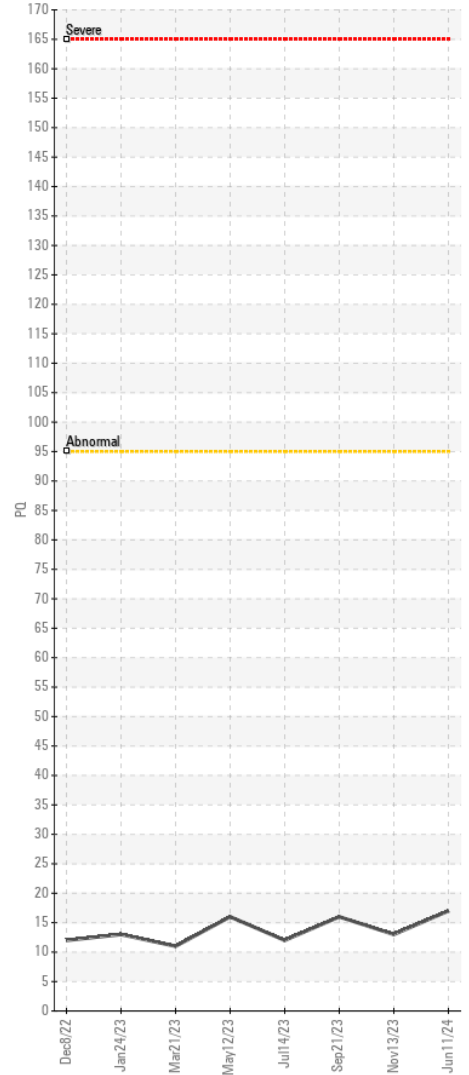
Ferrous Alloys



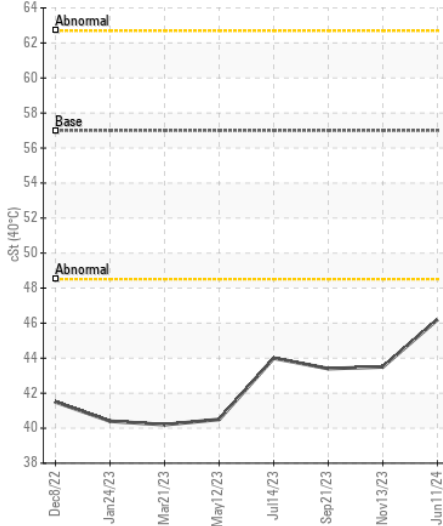
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0007534 **Received** : 17 Jun 2024
Lab Number : 06211985 **Tested** : 18 Jun 2024
Unique Number : 11084849 **Diagnosed** : 19 Jun 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

WARRIOR TRACTOR AND EQUIPMENT - MONROEVILLE
 66 INDUSTRIAL PARK DR
 MONROEVILLE, AL
 US 36460
 Contact: SCOTT WILLIAMSON
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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)