



OIL ANALYSIS REPORT

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

Area

[A35382]

Machine Id

JOHN DEERE 950K 1T0950KXJPF446417

Component

Left Outer Final Drive

Fluid

JOHN DEERE HY-GARD HYD/TRANS (1 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: A35382)

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | WE0007740 | WE0006627 | --- |
| Sample Date | | Client Info | | 29 May 2024 | 27 Feb 2024 | --- |
| Machine Age | hrs | Client Info | | 1875 | 1470 | --- |
| Oil Age | hrs | Client Info | | 863 | 1470 | --- |
| Filter Age | hrs | Client Info | | 863 | 1470 | --- |
| Oil Changed | | Client Info | | Changed | Not Changd | --- |
| Filter Changed | | Client Info | | Changed | None | --- |
| Sample Status | | | | ATTENTION | NORMAL | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|------|-----|
| PQ | | ASTM D8184 | >1250 | 15 | 21 | --- |
| Iron | ppm | ASTM D5185m | >750 | 12 | 14 | --- |
| Chromium | ppm | ASTM D5185m | >9 | 15 | 0 | --- |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | --- |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | --- |
| Silver | ppm | ASTM D5185m | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >40 | <1 | <1 | --- |
| Lead | ppm | ASTM D5185m | >15 | 0 | <1 | --- |
| Copper | ppm | ASTM D5185m | >40 | <1 | 0 | --- |
| Tin | ppm | ASTM D5185m | >10 | <1 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | --- |
| White Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |

CONTAMINATION

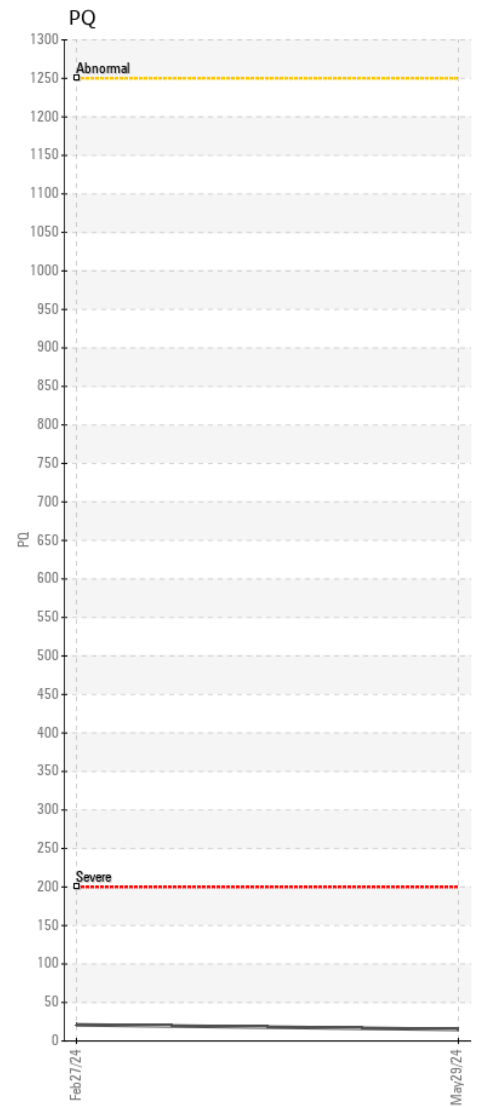
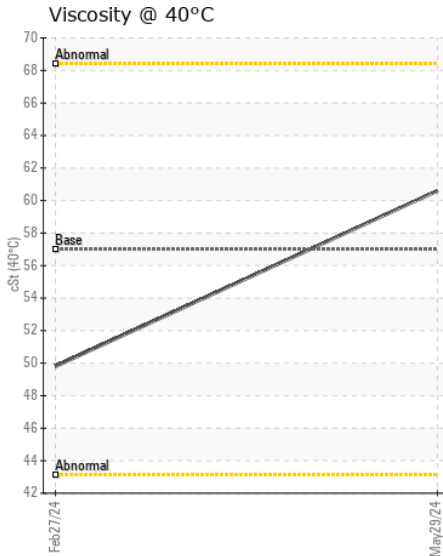
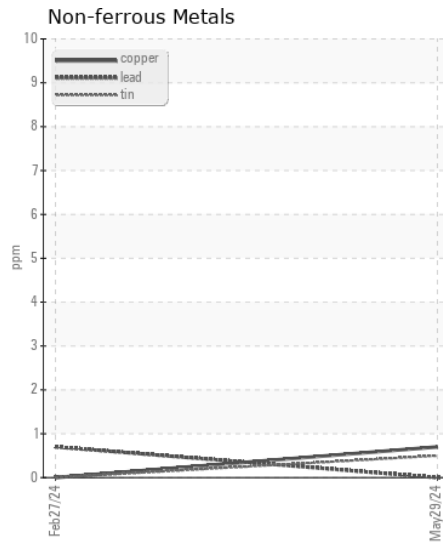
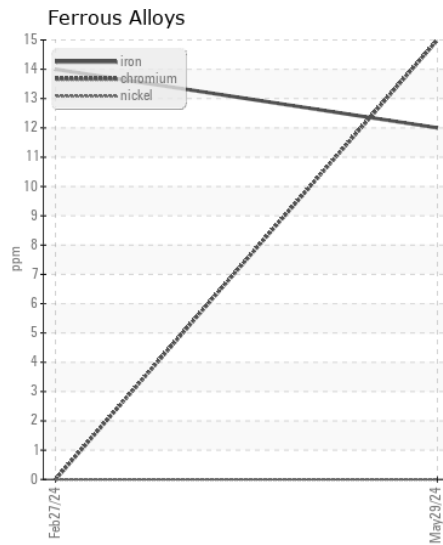
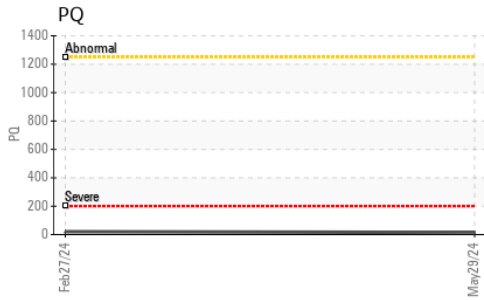
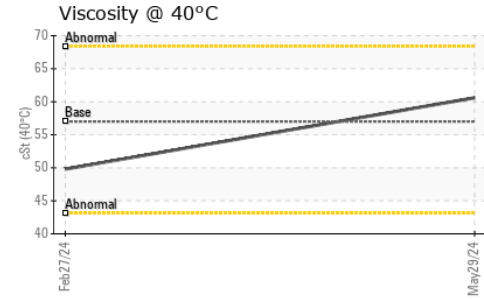
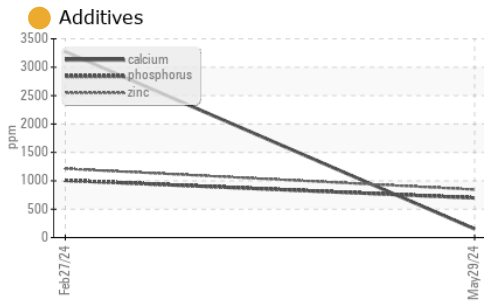
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-----|
| Silicon | ppm | ASTM D5185m | >75 | 5 | 10 | --- |
| Potassium | ppm | ASTM D5185m | >20 | <1 | 0 | --- |
| Water | | WC Method | >0.075 | NEG | NEG | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | NONE | LIGHT | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | --- |
| Appearance | scalar | *Visual | NORML | NORML | NORML | --- |
| Odor | scalar | *Visual | NORML | NORML | NORML | --- |
| Emulsified Water | scalar | *Visual | >0.075 | NEG | NEG | --- |

FLUID CONDITION

Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

| | | | | | | |
|-------------|-----|-------------|------|--------------|------|-----|
| Sodium | ppm | ASTM D5185m | >51 | 2 | 2 | --- |
| Boron | ppm | ASTM D5185m | 6 | 0 | 1 | --- |
| Barium | ppm | ASTM D5185m | 0 | 0 | 0 | --- |
| Molybdenum | ppm | ASTM D5185m | 0 | 3 | 0 | --- |
| Manganese | ppm | ASTM D5185m | | <1 | 0 | --- |
| Magnesium | ppm | ASTM D5185m | 145 | 4 | 98 | --- |
| Calcium | ppm | ASTM D5185m | 3570 | 152 | 3274 | --- |
| Phosphorus | ppm | ASTM D5185m | 1290 | 698 | 1007 | --- |
| Zinc | ppm | ASTM D5185m | 1640 | 845 | 1213 | --- |
| Sulfur | ppm | ASTM D5185m | | 2033 | 3367 | --- |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 60.6 | 49.8 | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0007740
Lab Number : 06196987
Unique Number : 11059110
Test Package : CONST (Additional Tests: PQ)

Received : 31 May 2024
Tested : 03 Jun 2024
Diagnosed : 04 Jun 2024 - Sean Felton

WARRIOR TRACTOR AND EQUIPMENT - HUNTSVILLE
 25135 ONE AVIATION WAY SW
 MADISON, AL
 US 35756
 Contact: BOBBY LUCKY
 warriorparts033@gmail.com

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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F: