



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

Machine Id
JOHN DEERE 350G 1FF350GXCEE809809

Component
Right Final Drive

Fluid
JOHN DEERE GL-5 80W90 (3 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | JR0204126 | JR0188980 | JR0162412 |
| Sample Date | | Client Info | | 14 Mar 2024 | 11 Dec 2023 | 13 Apr 2023 |
| Machine Age | hrs | Client Info | | 11093 | 10617 | 9936 |
| Oil Age | hrs | Client Info | | 10412 | 681 | 500 |
| Filter Age | hrs | Client Info | | 0 | 0 | 500 |
| Oil Changed | | Client Info | | Not Changd | Not Changd | Changed |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | NORMAL | SEVERE | SEVERE |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|-------|--------|
| PQ | | ASTM D8184 | >1250 | 16 | 431 | 812 |
| Iron | ppm | ASTM D5185m | >750 | <1 | 1016 | ▲ 2773 |
| Chromium | ppm | ASTM D5185m | >9 | <1 | 7 | ▲ 20 |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 2 | 4 |
| Titanium | ppm | ASTM D5185m | | <1 | 8 | 21 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >40 | 2 | ● 107 | ● 236 |
| Lead | ppm | ASTM D5185m | >15 | 0 | 0 | <1 |
| Copper | ppm | ASTM D5185m | >40 | 0 | 1 | 6 |
| Tin | ppm | ASTM D5185m | >10 | <1 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | <1 | <1 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | MODER |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

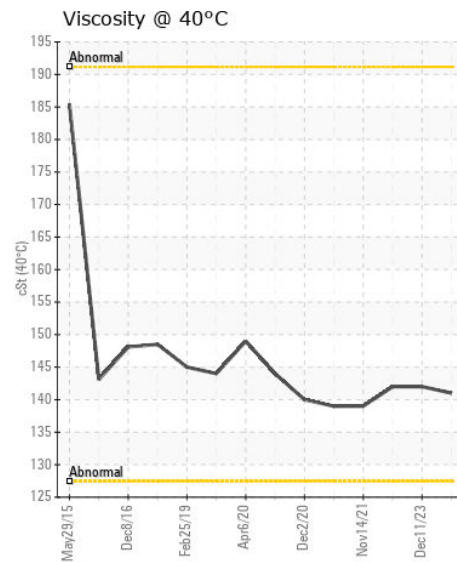
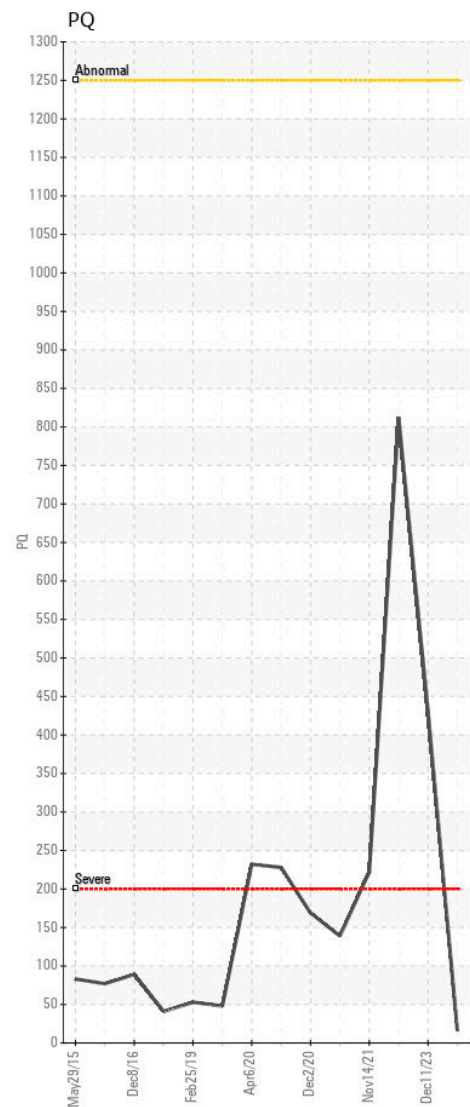
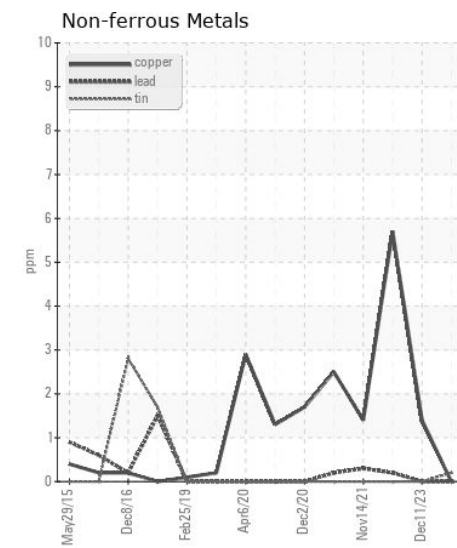
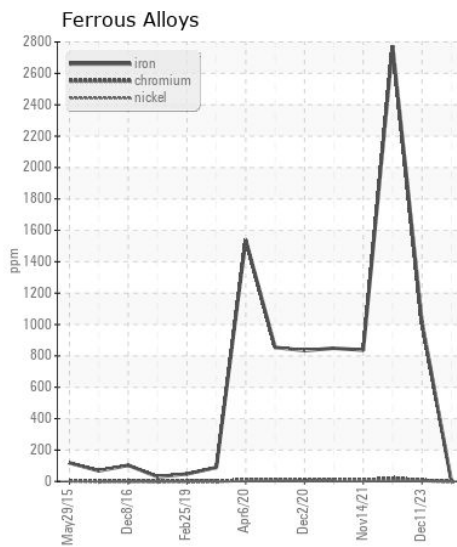
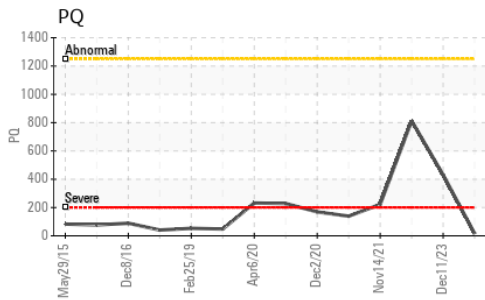
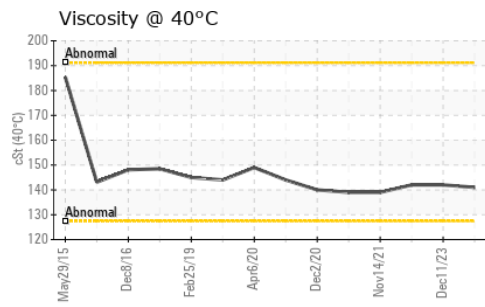
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >75 | 2 | ▲ 312 | ▲ 800 |
| Potassium | ppm | ASTM D5185m | >20 | 1 | 13 | 32 |
| 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 | 0 | 10 | 16 |
| Boron | ppm | ASTM D5185m | | 12 | 23 | 84 |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 10 | 0 | 2 |
| Manganese | ppm | ASTM D5185m | | 0 | 8 | 21 |
| Magnesium | ppm | ASTM D5185m | | 37 | 15 | 22 |
| Calcium | ppm | ASTM D5185m | | 52 | 26 | 41 |
| Phosphorus | ppm | ASTM D5185m | | 311 | 475 | 382 |
| Zinc | ppm | ASTM D5185m | | 26 | 0 | 3 |
| Sulfur | ppm | ASTM D5185m | | 19764 | 19488 | 17590 |
| Visc @ 40°C | cSt | ASTM D445 | | 141 | 142 | 142 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0204126 **Received** : 19 Mar 2024
Lab Number : 06122664 **Tested** : 20 Mar 2024
Unique Number : 10936815 **Diagnosed** : 21 Mar 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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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)