



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

Machine Id
JOHN DEERE 300G 1FF300GXHNF732154

Component
Left Final Drive

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

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | JR0197371 | JR0167840 | --- |
| Sample Date | | Client Info | | 05 Feb 2024 | 05 Apr 2023 | --- |
| Machine Age | hrs | Client Info | | 1252 | 542 | --- |
| Oil Age | hrs | Client Info | | 1252 | 542 | --- |
| Filter Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Changed | | Client Info | | Not Changed | Not Changed | --- |
| Filter Changed | | Client Info | | Not Changed | N/A | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|------|-----|
| PQ | | ASTM D8184 | >1250 | 163 | 118 | --- |
| Iron | ppm | ASTM D5185m | >750 | 73 | 139 | --- |
| Chromium | ppm | ASTM D5185m | >9 | 2 | 3 | --- |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | --- |
| Titanium | ppm | ASTM D5185m | | <1 | <1 | --- |
| Silver | ppm | ASTM D5185m | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >40 | 4 | 0 | --- |
| Lead | ppm | ASTM D5185m | >15 | 0 | 0 | --- |
| Copper | ppm | ASTM D5185m | >40 | <1 | 0 | --- |
| Tin | ppm | ASTM D5185m | >10 | 0 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | --- |
| White Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |

CONTAMINATION

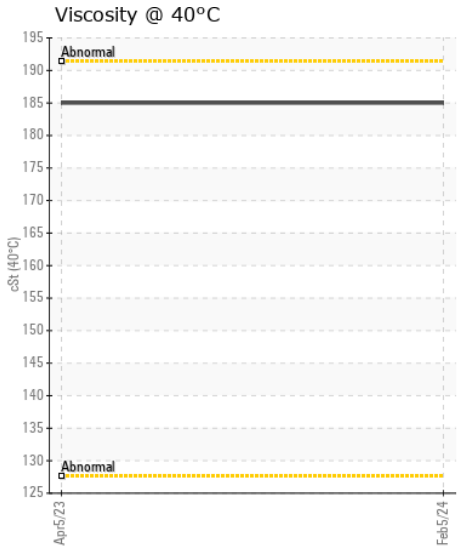
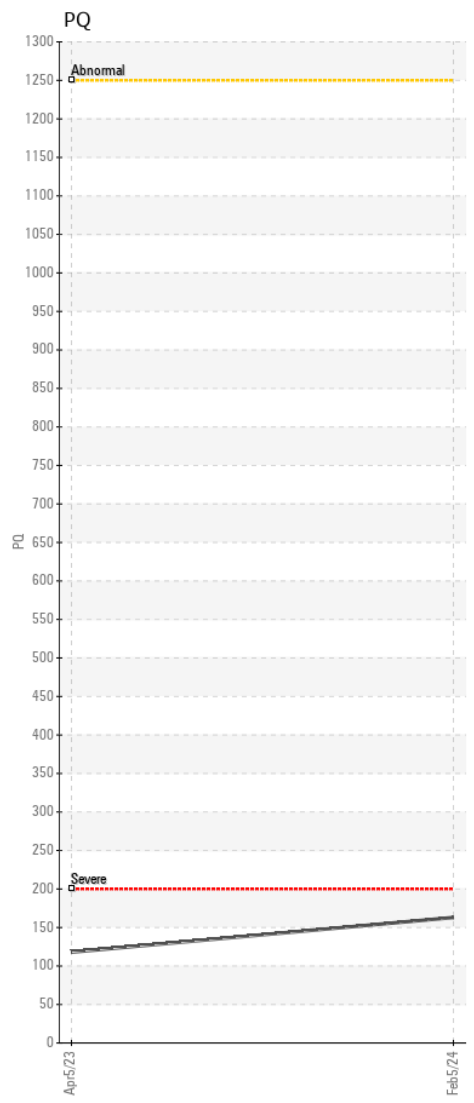
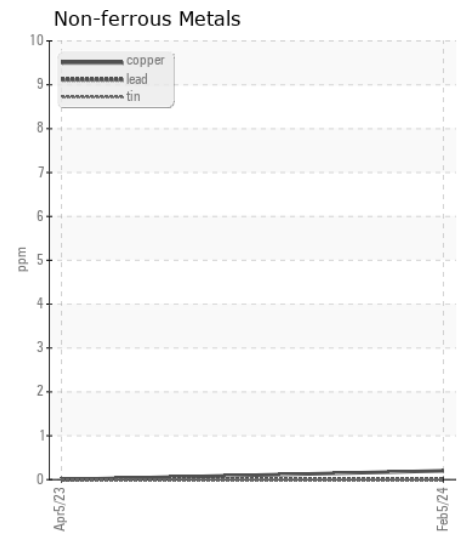
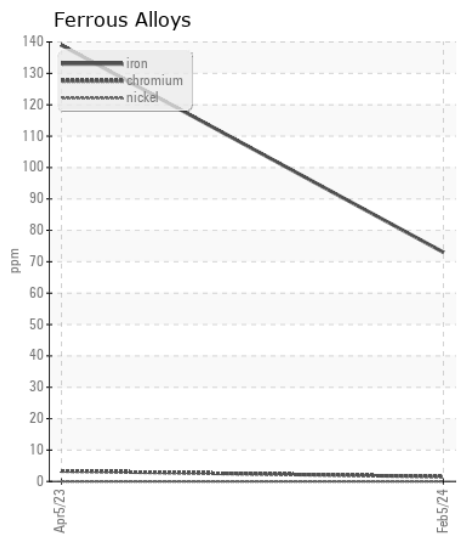
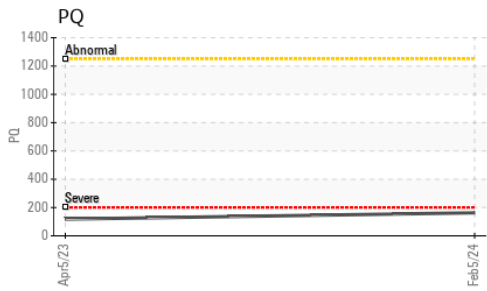
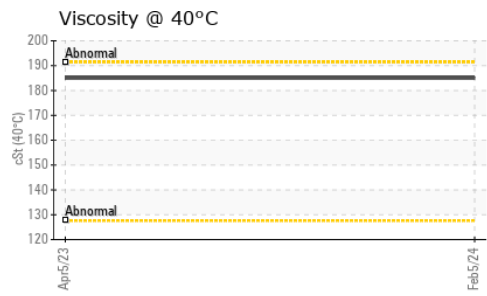
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-----|
| Silicon | ppm | ASTM D5185m | >75 | 4 | 9 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 6 | 5 | --- |
| Water | | WC Method | >0.075 | NEG | NEG | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | NONE | NONE | --- |
| 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

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

| | | | | | | |
|-------------|-----|-------------|-----|--------------|-------|-----|
| Sodium | ppm | ASTM D5185m | >51 | 14 | 0 | --- |
| Boron | ppm | ASTM D5185m | | 23 | 76 | --- |
| Barium | ppm | ASTM D5185m | | 10 | 0 | --- |
| Molybdenum | ppm | ASTM D5185m | | 0 | 0 | --- |
| Manganese | ppm | ASTM D5185m | | <1 | 3 | --- |
| Magnesium | ppm | ASTM D5185m | | 1 | 0 | --- |
| Calcium | ppm | ASTM D5185m | | 9 | 13 | --- |
| Phosphorus | ppm | ASTM D5185m | | 255 | 487 | --- |
| Zinc | ppm | ASTM D5185m | | 19 | 9 | --- |
| Sulfur | ppm | ASTM D5185m | | 7023 | 14003 | --- |
| Visc @ 40°C | cSt | ASTM D445 | | 185 | 185 | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0197371 **Received** : 13 Feb 2024
Lab Number : 06087674 **Tested** : 14 Feb 2024
Unique Number : 10875119 **Diagnosed** : 15 Feb 2024 - Angela Borella
Test Package : CONST (Additional Tests: PQ)

JRE - GARNER
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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)