



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

Machine Id
7004453 (S/N 1ff470gxljf236036)

Component
Left Final Drive

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

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

FLUID CONDITION

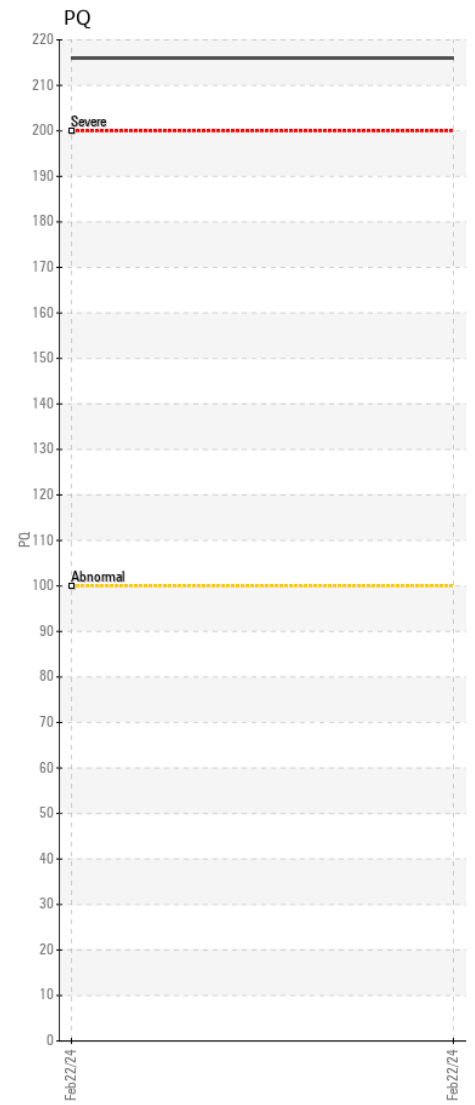
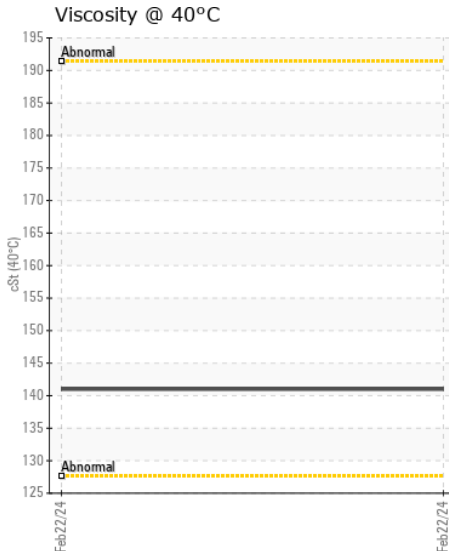
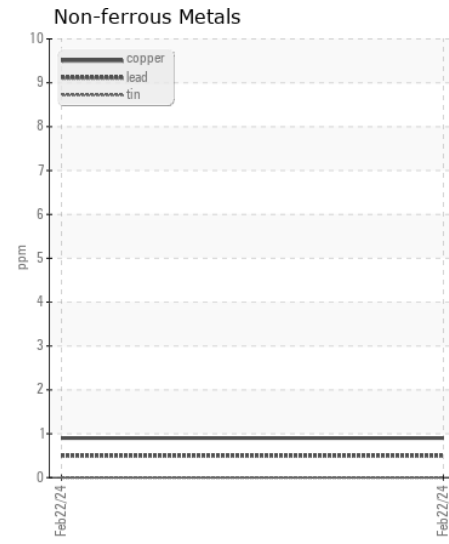
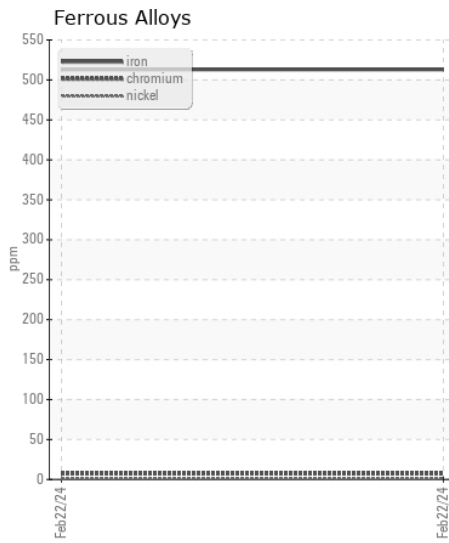
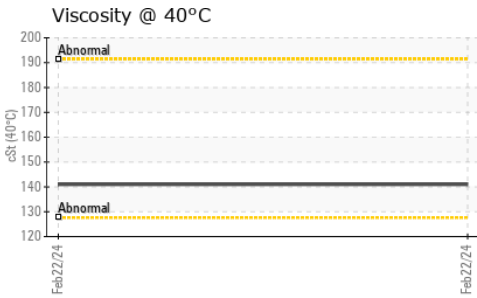
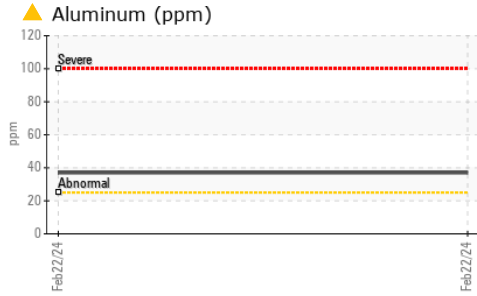
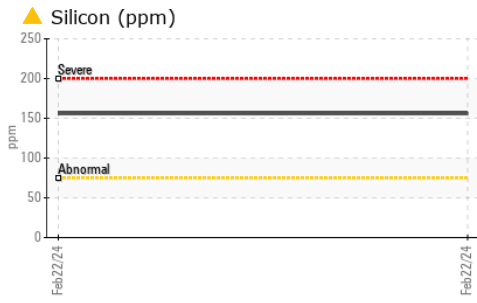
The condition of the oil is acceptable for the time in service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|----------|----------|
| Sample Number | | Client Info | | JR0200806 | --- | --- |
| Sample Date | | Client Info | | 22 Feb 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 5149 | --- | --- |
| Oil Age | hrs | Client Info | | 5149 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | Changed | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | ABNORMAL | --- | --- |

| | | | | | | |
|--------------|--------|-------------|------|------|-----|-----|
| PQ | | ASTM D8184 | | 216 | --- | --- |
| Iron | ppm | ASTM D5185m | >500 | 513 | --- | --- |
| Chromium | ppm | ASTM D5185m | >10 | 7 | --- | --- |
| Nickel | ppm | ASTM D5185m | >10 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185m | | 3 | --- | --- |
| Silver | ppm | ASTM D5185m | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >25 | ▲ 37 | --- | --- |
| Lead | ppm | ASTM D5185m | >25 | <1 | --- | --- |
| Copper | ppm | ASTM D5185m | >50 | <1 | --- | --- |
| Tin | ppm | ASTM D5185m | >10 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |

| | | | | | | |
|------------------|--------|-------------|-------|-------|-----|-----|
| Silicon | ppm | ASTM D5185m | >75 | ▲ 156 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 12 | --- | --- |
| Water | | WC Method | >0.2 | NEG | --- | --- |
| Silt | scalar | *Visual | NONE | NONE | --- | --- |
| Debris | scalar | *Visual | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.2 | NEG | --- | --- |

| | | | | | | |
|-------------|-----|-------------|--|-------|-----|-----|
| Sodium | ppm | ASTM D5185m | | 6 | --- | --- |
| Boron | ppm | ASTM D5185m | | 156 | --- | --- |
| Barium | ppm | ASTM D5185m | | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | 1 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 6 | --- | --- |
| Magnesium | ppm | ASTM D5185m | | 3 | --- | --- |
| Calcium | ppm | ASTM D5185m | | 137 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | | 1076 | --- | --- |
| Zinc | ppm | ASTM D5185m | | 0 | --- | --- |
| Sulfur | ppm | ASTM D5185m | | 23617 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | | 141 | --- | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : JR0200806

Lab Number : 06099387

Unique Number : 10897617

Test Package : CONST (Additional Tests: PQ)

Received : 23 Feb 2024

Tested : 26 Feb 2024

Diagnosed : 27 Feb 2024 - Don Baldrige

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)

JRE - GREENVILLE

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GREENVILLE, NC

US 27834-5800

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F: