



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

Area
[44506]
 Machine Id
JOHN DEERE 85G 1FF085GXAMJ022510
 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 | | JR0199103 | JR0182105 | JR0149966 |
| Sample Date | | Client Info | | 12 Feb 2024 | 09 Aug 2023 | 17 Mar 2023 |
| Machine Age | hrs | Client Info | | 2914 | 2407 | 1919 |
| Oil Age | hrs | Client Info | | 2914 | 2407 | 1919 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | Not Changd | N/A |
| Filter Changed | | Client Info | | N/A | None | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|-------|-------|
| PQ | | ASTM D8184 | >1250 | 433 | 396 | 445 |
| Iron | ppm | ASTM D5185m | >750 | 455 | 320 | 430 |
| Chromium | ppm | ASTM D5185m | >9 | 6 | 4 | 6 |
| Nickel | ppm | ASTM D5185m | >10 | 6 | 3 | 3 |
| Titanium | ppm | ASTM D5185m | | 3 | 2 | 3 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >40 | 15 | 5 | 5 |
| Lead | ppm | ASTM D5185m | >15 | <1 | 0 | 0 |
| Copper | ppm | ASTM D5185m | >40 | 1 | 1 | 2 |
| Tin | ppm | ASTM D5185m | >10 | <1 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | | <1 | <1 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | MODER | MODER |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

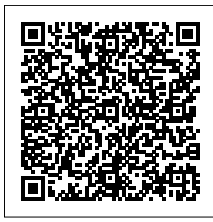
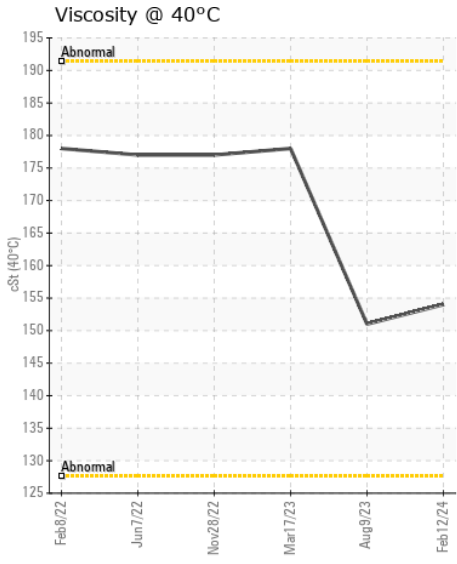
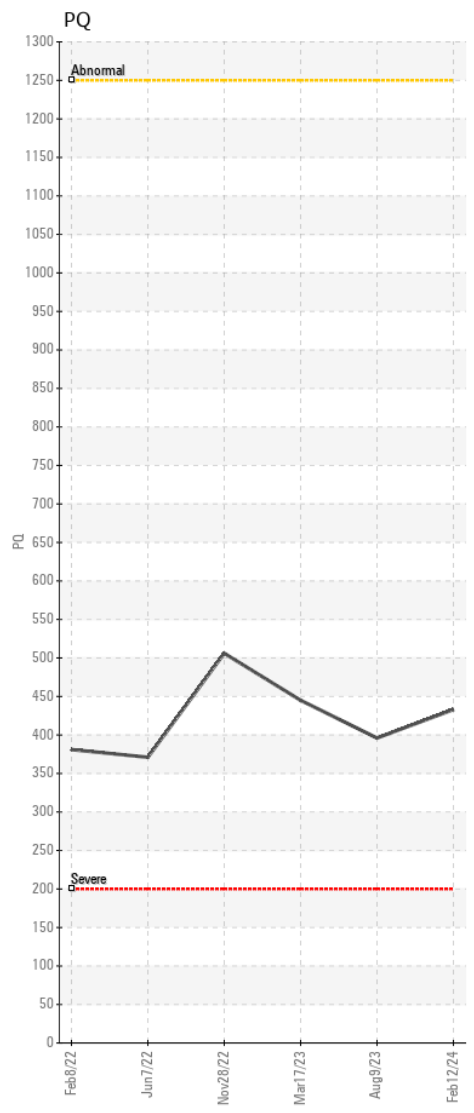
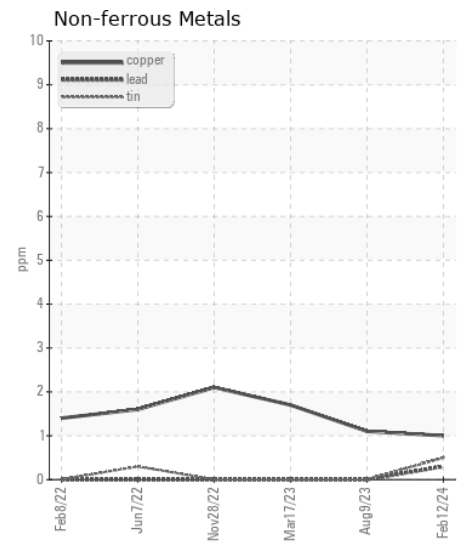
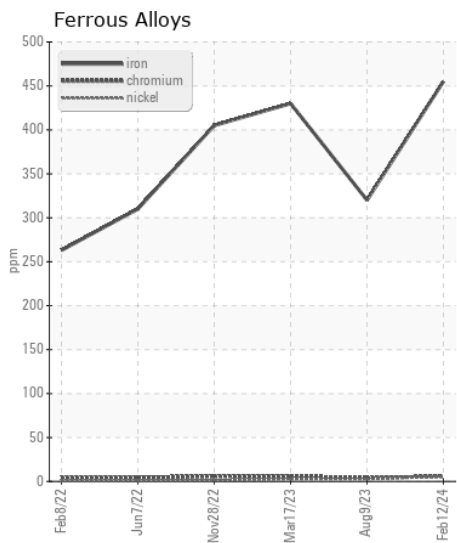
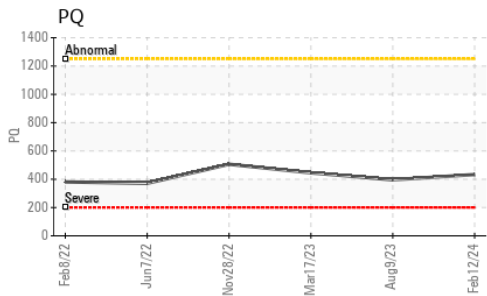
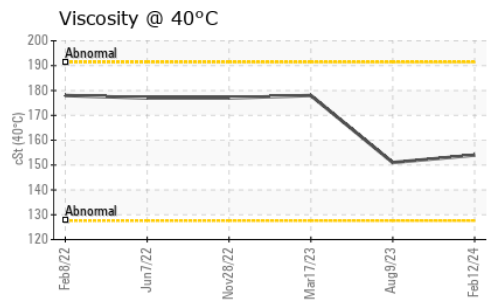
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >75 | 69 | 22 | 22 |
| Potassium | ppm | ASTM D5185m | >20 | 4 | <1 | <1 |
| 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 | 4 | 1 | 2 |
| Boron | ppm | ASTM D5185m | | 53 | 75 | 52 |
| Barium | ppm | ASTM D5185m | | 22 | 9 | 55 |
| Molybdenum | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Manganese | ppm | ASTM D5185m | | 5 | 4 | 5 |
| Magnesium | ppm | ASTM D5185m | | 6 | 0 | 1 |
| Calcium | ppm | ASTM D5185m | | 30 | 25 | 17 |
| Phosphorus | ppm | ASTM D5185m | | 689 | 641 | 473 |
| Zinc | ppm | ASTM D5185m | | 91 | 70 | 94 |
| Sulfur | ppm | ASTM D5185m | | 16865 | 19819 | 16462 |
| Visc @ 40°C | cSt | ASTM D445 | | 154 | 151 | 178 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0199103 **Received** : 14 Feb 2024
Lab Number : 06089710 **Tested** : 16 Feb 2024
Unique Number : 10877155 **Diagnosed** : 16 Feb 2024 - Wes Davis
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)