



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



Machine Id
JOHN DEERE 210G 1FF210GXCJF525673
 Component
Pump Drive
 Fluid
NOT GIVEN (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | JR0206285 | JR0161881 | JR0127951 |
| Sample Date | | Client Info | | 18 Apr 2024 | 25 Apr 2023 | 14 Jul 2022 |
| Machine Age | hrs | Client Info | | 2957 | 2707 | 2175 |
| Oil Age | hrs | Client Info | | 250 | 500 | 500 |
| Filter Age | hrs | Client Info | | 0 | 500 | 500 |
| Oil Changed | | Client Info | | Changed | Changed | Changed |
| Filter Changed | | Client Info | | N/A | Changed | Changed |
| Sample Status | | | | NORMAL | NORMAL | ABNORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| PQ | | ASTM D8184 | | 19 | 18 | 27 |
| Iron | ppm | ASTM D5185m | >151 | 48 | 37 | 85 |
| Chromium | ppm | ASTM D5185m | >11 | <1 | <1 | 2 |
| Nickel | ppm | ASTM D5185m | >10 | <1 | 0 | <1 |
| Titanium | ppm | ASTM D5185m | | <1 | <1 | <1 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 7 |
| Aluminum | ppm | ASTM D5185m | >21 | 7 | 3 | 19 |
| Lead | ppm | ASTM D5185m | >51 | 0 | 0 | 1 |
| Copper | ppm | ASTM D5185m | >51 | <1 | 0 | <1 |
| Tin | ppm | ASTM D5185m | >4 | <1 | 0 | 1 |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | <1 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

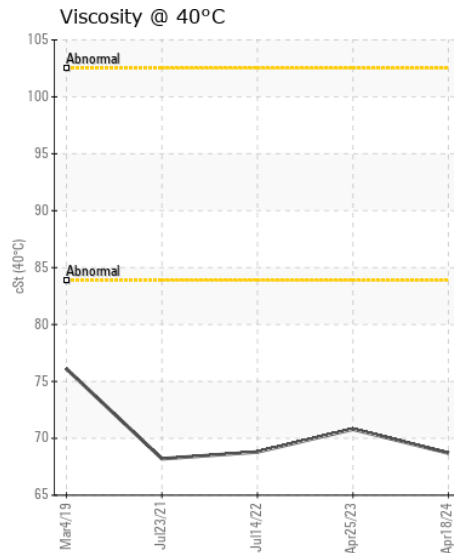
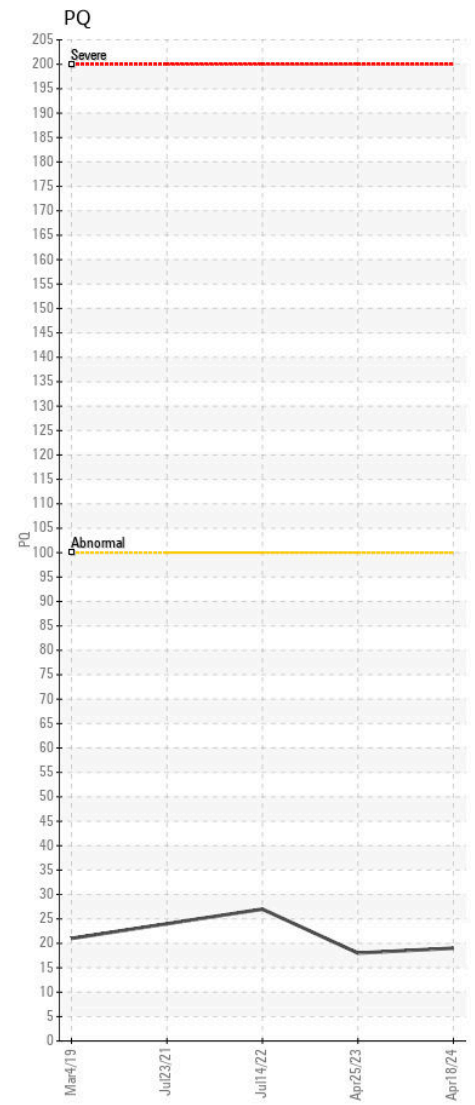
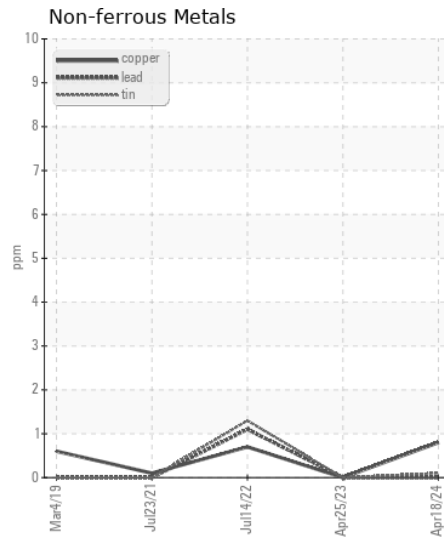
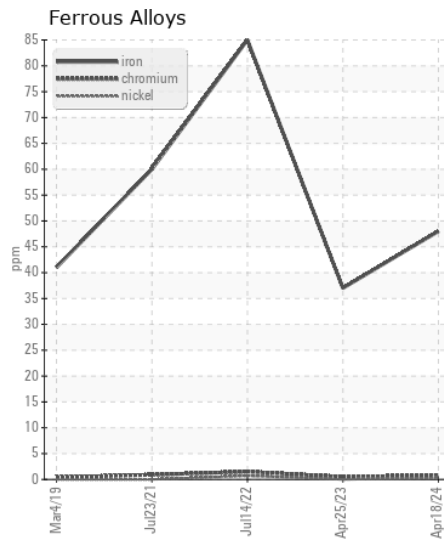
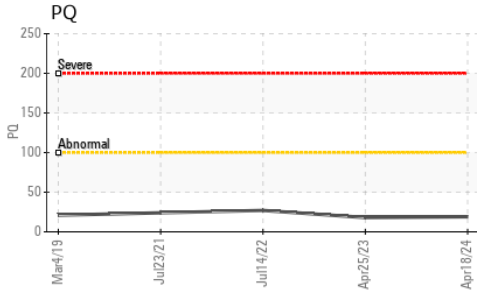
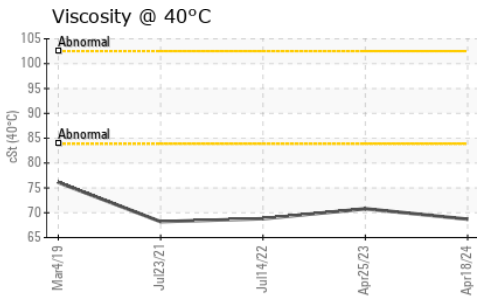
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >31 | 15 | 13 | 35 |
| Potassium | ppm | ASTM D5185m | >20 | 3 | 2 | 3 |
| Water | | WC Method | >0.1 | 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 | >0.1 | NEG | NEG | NEG |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|-----|--------------|------|------|
| Sodium | ppm | ASTM D5185m | >51 | 1 | 0 | 4 |
| Boron | ppm | ASTM D5185m | | 292 | 337 | 312 |
| Barium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 241 | 271 | 239 |
| Manganese | ppm | ASTM D5185m | | <1 | <1 | 2 |
| Magnesium | ppm | ASTM D5185m | | 762 | 825 | 772 |
| Calcium | ppm | ASTM D5185m | | 1414 | 1521 | 1480 |
| Phosphorus | ppm | ASTM D5185m | | 954 | 1021 | 880 |
| Zinc | ppm | ASTM D5185m | | 1071 | 1156 | 1051 |
| Sulfur | ppm | ASTM D5185m | | 3278 | 3827 | 3735 |
| Visc @ 40°C | cSt | ASTM D445 | | 68.7 | 70.8 | 68.8 |



Certificate L2367

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

Sample No. : JR0206285

Lab Number : 06157966

Unique Number : 10993389

Test Package : CONST (Additional Tests: PQ)

Received : 23 Apr 2024

Tested : 24 Apr 2024

Diagnosed : 24 Apr 2024 - Wes Davis

JRE - CHARLOTTE

9550 STATESVILLE ROAD

CHARLOTTE, NC

US 28269

Contact: CHARLOTTE SHOP

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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)