



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

Machine Id
JOHN DEERE 350G 1FF350GXAJF813194
 Component
Swing 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 | | JR0212876 | JR0191017 | JR0163723 |
| Sample Date | | Client Info | | 19 May 2024 | 31 Jan 2024 | 04 Apr 2023 |
| Machine Age | hrs | Client Info | | 8267 | 7715 | 6591 |
| Oil Age | hrs | Client Info | | 552 | 1124 | 6104 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Changed | Changed | Changed |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|-------------|------|------|
| PQ | | ASTM D8184 | | 41 | 48 | 54 |
| Iron | ppm | ASTM D5185m | >151 | 64 | 147 | 124 |
| Chromium | ppm | ASTM D5185m | >11 | 0 | <1 | 0 |
| Nickel | ppm | ASTM D5185m | >10 | 0 | <1 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >21 | 0 | <1 | 0 |
| Lead | ppm | ASTM D5185m | >51 | 0 | 2 | 0 |
| Copper | ppm | ASTM D5185m | >51 | 0 | 2 | 0 |
| Tin | ppm | ASTM D5185m | >10 | 0 | <1 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| 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.

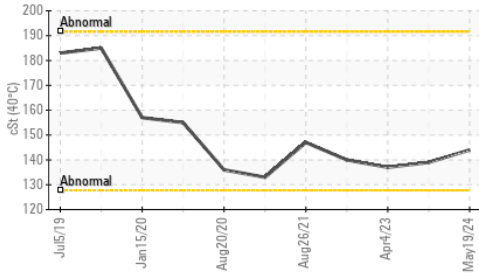
| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >31 | 4 | 10 | 7 |
| Potassium | ppm | ASTM D5185m | >20 | 0 | 3 | 0 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| 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

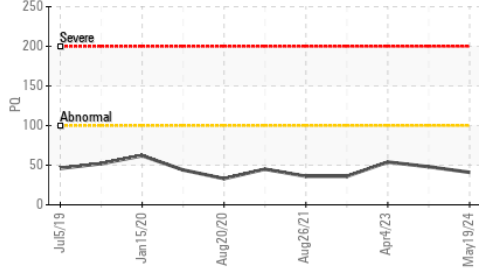
The condition of the oil is acceptable for the time in service.

| | | | | | | |
|-------------|-----|-------------|-----|--------------|-------|-------|
| Sodium | ppm | ASTM D5185m | >51 | 2 | 3 | 0 |
| Boron | ppm | ASTM D5185m | | 0 | 3 | 2 |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 1 | <1 | 0 |
| Manganese | ppm | ASTM D5185m | | 0 | 3 | <1 |
| Magnesium | ppm | ASTM D5185m | | 4 | 4 | 10 |
| Calcium | ppm | ASTM D5185m | | 28 | 57 | 65 |
| Phosphorus | ppm | ASTM D5185m | | 2013 | 404 | 406 |
| Zinc | ppm | ASTM D5185m | | 11 | 9 | 13 |
| Sulfur | ppm | ASTM D5185m | | 24347 | 16330 | 19652 |
| Visc @ 40°C | cSt | ASTM D445 | | 144 | 139 | 137 |

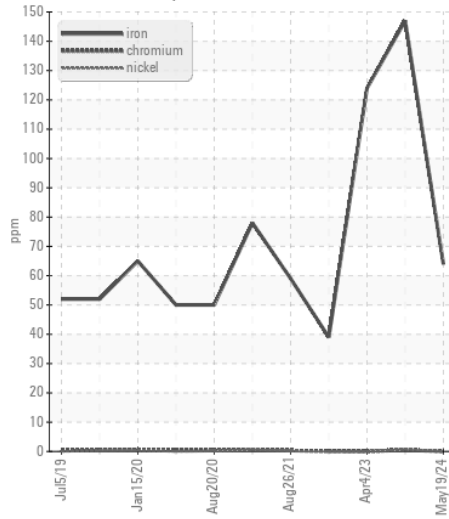
Viscosity @ 40°C



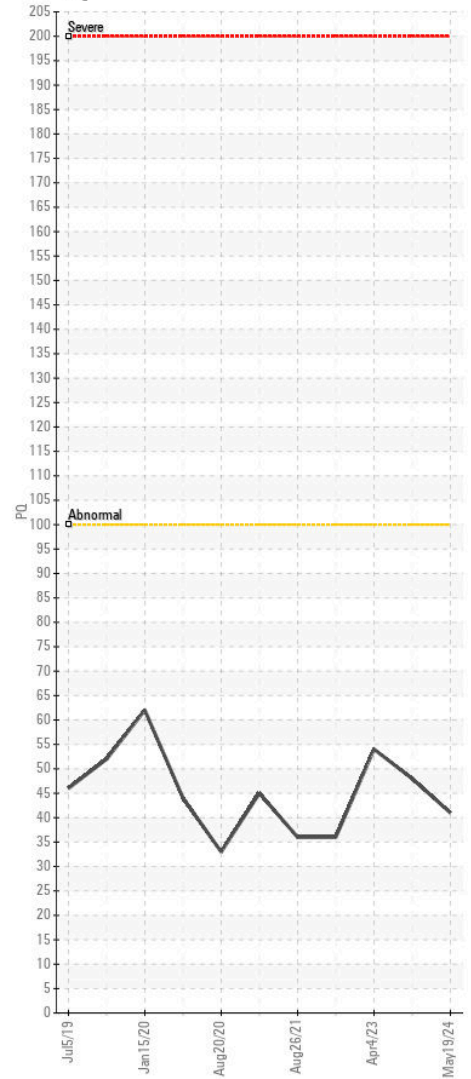
PQ



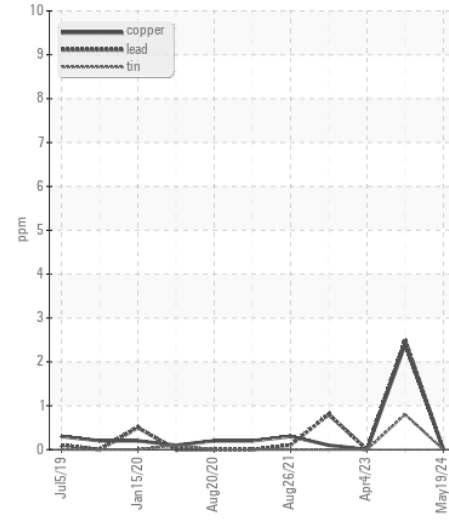
Ferrous Alloys



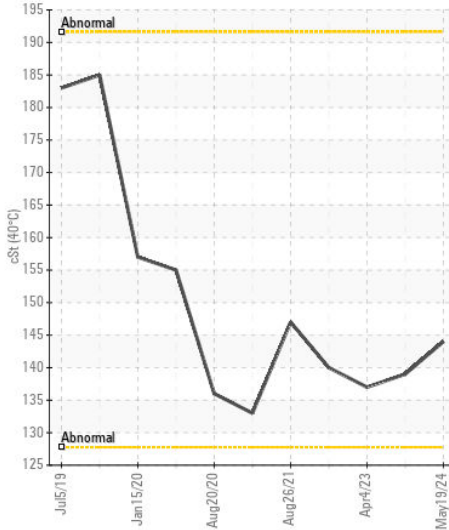
PQ



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0212876 **Received** : 21 May 2024
Lab Number : 06186436 **Tested** : 22 May 2024
Unique Number : 11043188 **Diagnosed** : 23 May 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - GARNER
 4161 AUBURN CHURCH RD
 GARNER, NC
 US 27529

Contact: RALEIGH SHOP
 sean.betts@jamesriverequipment.com; catherine.anastasio@wearcheck.com

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)

T: (919)614-2260
 F: (919)779-5432