



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

Area

[HERITAGE SITE]

Machine Id

JOHN DEERE 350G 1FF350GXVMF815188

Component

Pump Drive

Fluid

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | JR0195311 | JR0169976 | JR0176446 |
| Sample Date | | Client Info | | 08 Jan 2024 | 23 Aug 2023 | 26 Jun 2023 |
| Machine Age | hrs | Client Info | | 4476 | 4002 | 3881 |
| Oil Age | hrs | Client Info | | 0 | 0 | 2088 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | Changed | N/A |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| PQ | UOM | Method | Limit/Abn | Current | History1 | History2 |
|--------------|--------|-------------|-----------|--------------|----------|----------|
| PQ | | ASTM D8184 | | 16 | 10 | 15 |
| Iron | ppm | ASTM D5185m | >151 | 16 | 14 | 55 |
| Chromium | ppm | ASTM D5185m | >11 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | <1 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >21 | 4 | 2 | 0 |
| Lead | ppm | ASTM D5185m | >51 | 0 | 0 | 0 |
| Copper | ppm | ASTM D5185m | >51 | 1 | 0 | <1 |
| Tin | ppm | ASTM D5185m | >4 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | MODER |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

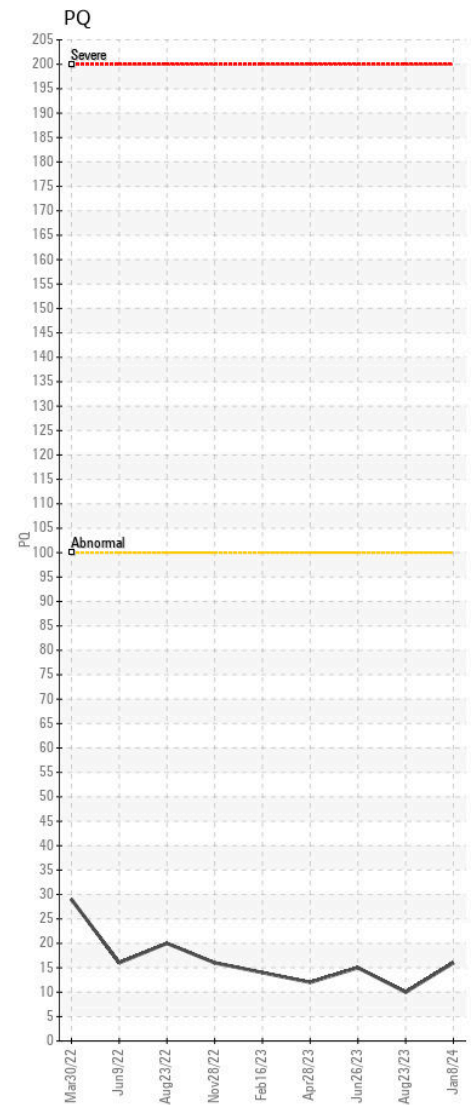
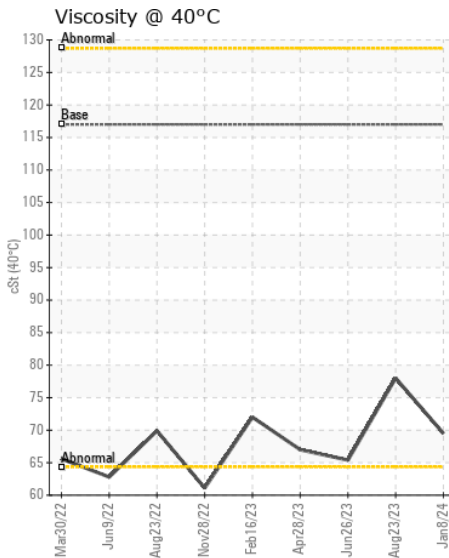
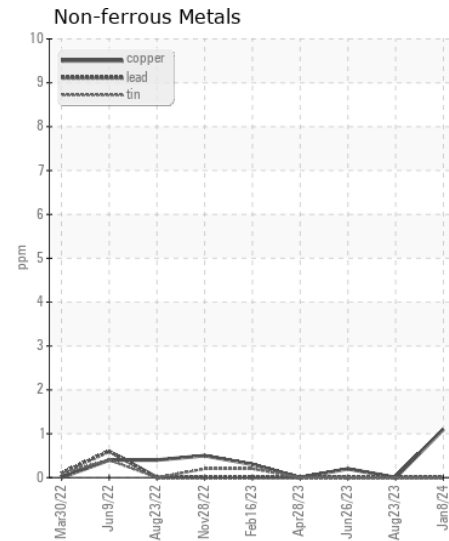
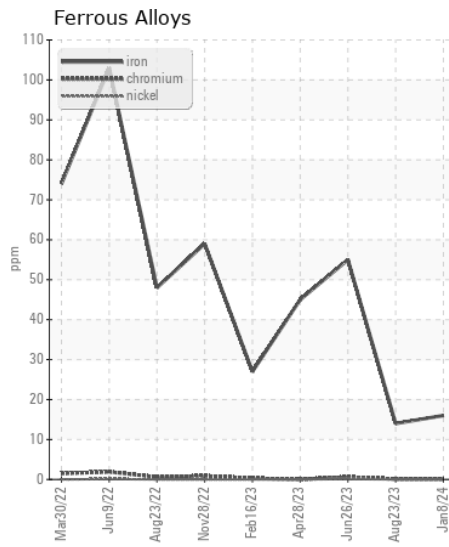
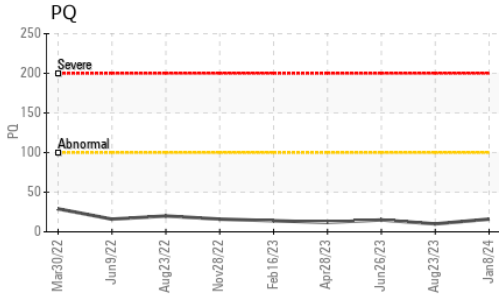
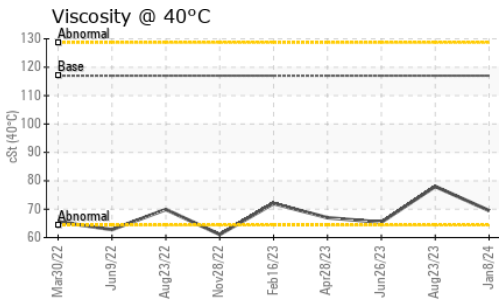
There is no indication of any contamination in the oil.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--------|-------------|-----------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185m | >31 | 10 | 9 | 11 |
| Potassium | ppm | ASTM D5185m | >20 | 0 | 1 | 2 |
| 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.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|-------------|-----|-------------|-----------|-------------|----------|----------|
| Sodium | ppm | ASTM D5185m | >51 | 0 | 0 | <1 |
| Boron | ppm | ASTM D5185m | | 277 | 303 | 213 |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 237 | 251 | 195 |
| Manganese | ppm | ASTM D5185m | | 1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | | 763 | 727 | 598 |
| Calcium | ppm | ASTM D5185m | | 1330 | 1425 | 1181 |
| Phosphorus | ppm | ASTM D5185m | | 922 | 907 | 735 |
| Zinc | ppm | ASTM D5185m | | 1030 | 1008 | 898 |
| Sulfur | ppm | ASTM D5185m | | 3001 | 2902 | 4162 |
| Visc @ 40°C | cSt | ASTM D445 | 117 | 69.5 | 78.0 | 65.4 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0195311 **Received** : 16 Jan 2024
Lab Number : 06061458 **Diagnosed** : 17 Jan 2024
Unique Number : 10832840 **Diagnostician** : Sean Felton
Test Package : CONST (Additional Tests: PQ)

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)

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