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

Machine Id
JOHN DEERE 350P 1FF350PATPF000479
 Component
Swing Drive Gear Case
 Fluid
JOHN DEERE GL-5 80W90 (3 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | JR0220946 | JR0220740 | JR0214107 |
| Sample Date | | Client Info | | 11 Jul 2024 | 21 Jun 2024 | 29 May 2024 |
| Machine Age | hrs | Client Info | | 2478 | 2007 | 1549 |
| Oil Age | hrs | Client Info | | 471 | 1486 | 521 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | Changed | Not Changd |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | ATTENTION | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| PQ | UOM | Method | Limit/Abn | Current | History1 | History2 |
|--------------|--------|-------------|-----------|--------------|----------|----------|
| PQ | | ASTM D8184 | | 30 | 32 | 35 |
| Iron | ppm | ASTM D5185m | >200 | 12 | 68 | 178 |
| Chromium | ppm | ASTM D5185m | >10 | <1 | <1 | 1 |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | 1 |
| Silver | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | | 2 | 0 | 7 |
| Lead | ppm | ASTM D5185m | | 4 | 0 | 0 |
| Copper | ppm | ASTM D5185m | | 18 | 0 | <1 |
| Tin | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

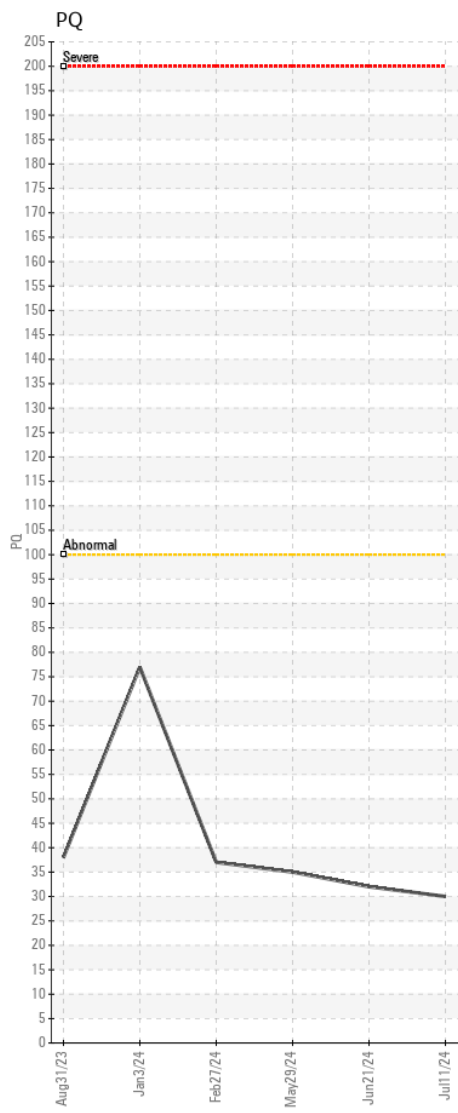
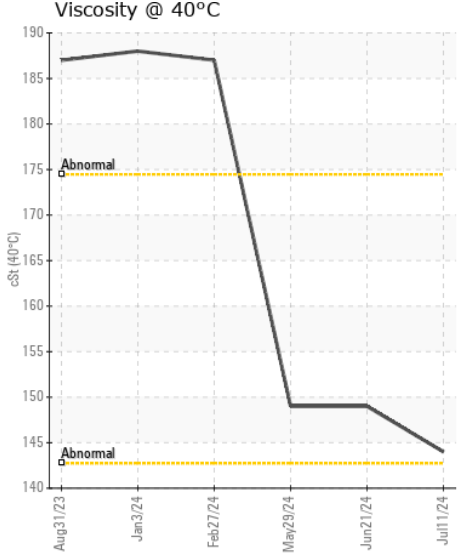
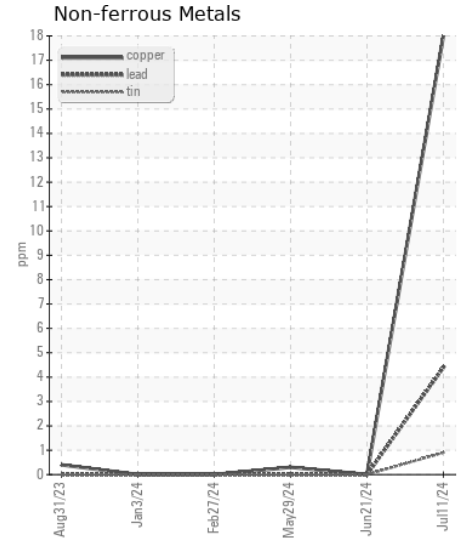
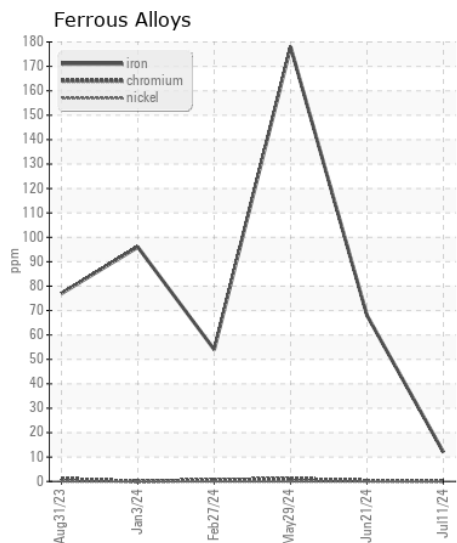
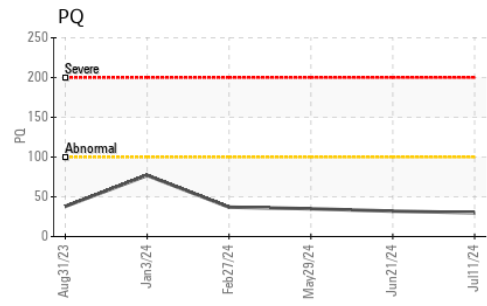
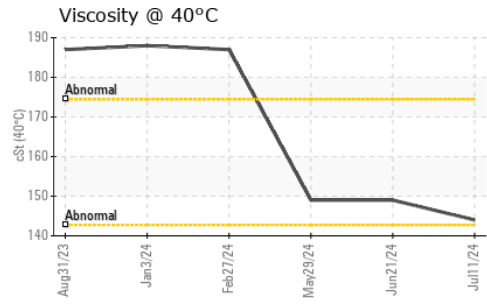
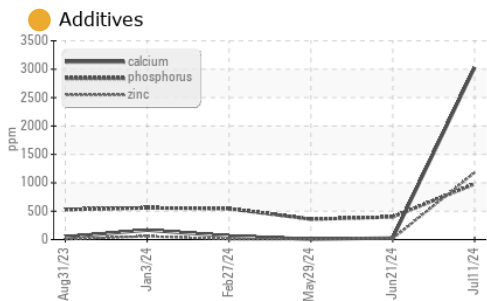
There is no indication of any contamination in the oil.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--------|-------------|-----------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185m | | 7 | 10 | 58 |
| Potassium | ppm | ASTM D5185m | >20 | 1 | <1 | 2 |
| Water | | WC Method | >0.2 | 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 | >0.2 | NEG | NEG | NEG |

FLUID CONDITION

Additive levels indicate the addition of a different brand, or type of oil.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|-------------|-----|-------------|-----------|--------------|----------|----------|
| Sodium | ppm | ASTM D5185m | | 5 | 0 | <1 |
| Boron | ppm | ASTM D5185m | | 7 | 22 | 16 |
| Barium | ppm | ASTM D5185m | | 0 | <1 | <1 |
| Molybdenum | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Manganese | ppm | ASTM D5185m | | 1 | <1 | 2 |
| Magnesium | ppm | ASTM D5185m | | 8 | 5 | 2 |
| Calcium | ppm | ASTM D5185m | | 3029 | 27 | 9 |
| Phosphorus | ppm | ASTM D5185m | | 979 | 398 | 358 |
| Zinc | ppm | ASTM D5185m | | 1178 | 14 | 7 |
| Sulfur | ppm | ASTM D5185m | | 6942 | 20877 | 19895 |
| Visc @ 40°C | cSt | ASTM D445 | | 144 | 149 | 149 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0220946 **Received** : 16 Jul 2024
Lab Number : 06238048 **Tested** : 17 Jul 2024
Unique Number : 11126882 **Diagnosed** : 18 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - NEW BERN
 3816 MARTIN LUTHER KING BLVD
 NEW BERN, NC
 US 28562
 Contact: NEW BERN SHOP

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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