



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

Machine Id
SENNEBOGEN 825M 825.0.3784
 Component
Front 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 | | JR0208206 | JR0194955 | JR0195006 |
| Sample Date | | Client Info | | 18 Apr 2024 | 15 Feb 2024 | 05 Dec 2023 |
| Machine Age | hrs | Client Info | | 3114 | 2592 | 2085 |
| Oil Age | hrs | Client Info | | 2085 | 0 | 0 |
| Filter Age | hrs | Client Info | | 2085 | 0 | 0 |
| Oil Changed | | Client Info | | Changed | Not Changd | 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 | | 77 | 61 | 90 |
| Iron | ppm | ASTM D5185m | >500 | 55 | 41 | 71 |
| Chromium | ppm | ASTM D5185m | >10 | 2 | <1 | <1 |
| Nickel | ppm | ASTM D5185m | >10 | 1 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | <1 | <1 | <1 |
| Silver | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | 2 | 0 | 1 |
| Lead | ppm | ASTM D5185m | >25 | 1 | 0 | 1 |
| Copper | ppm | ASTM D5185m | >50 | 21 | 16 | 46 |
| Tin | ppm | ASTM D5185m | >10 | 1 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | <1 |
| White Metal | scalar | *Visual | NONE | NONE | MODER | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

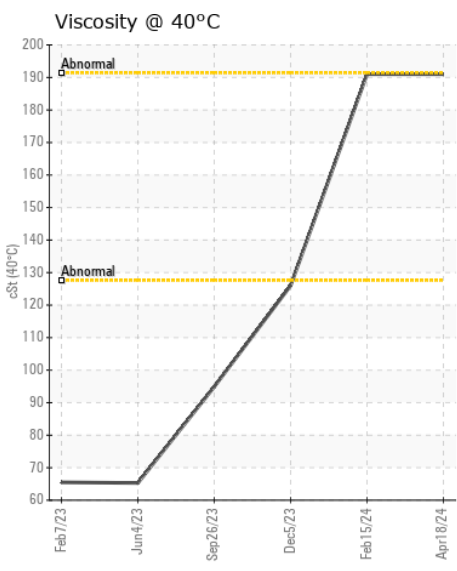
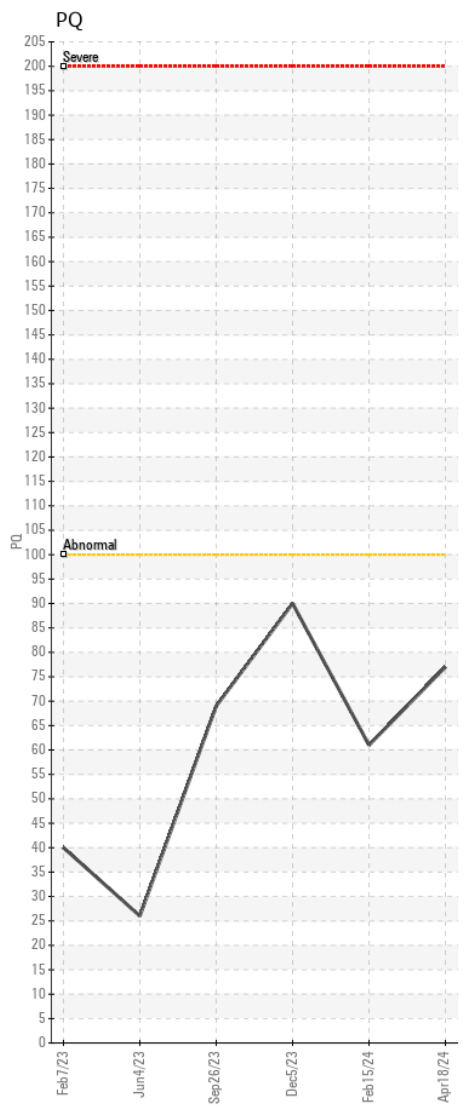
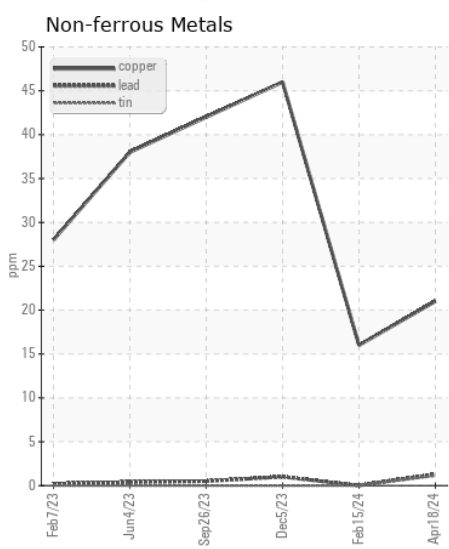
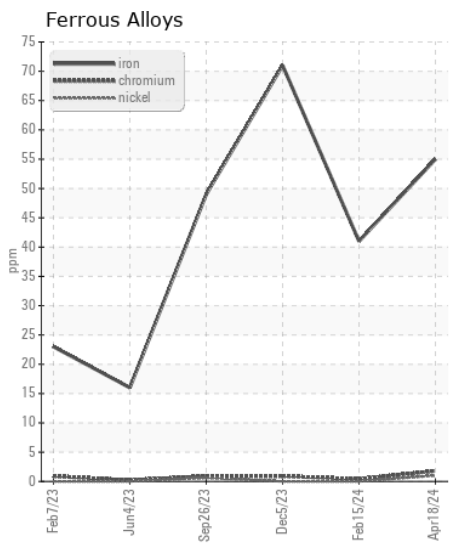
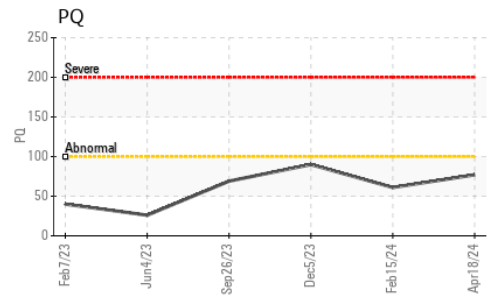
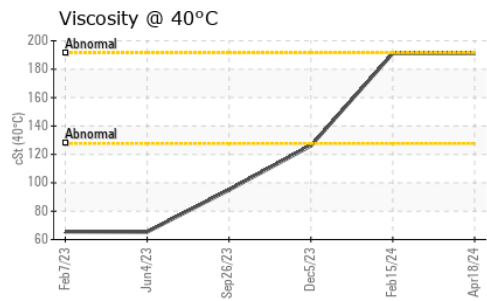
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >75 | 11 | 6 | 8 |
| Potassium | ppm | ASTM D5185m | >20 | 2 | 0 | 0 |
| 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

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

| | | | | | | |
|-------------|-----|-------------|--|--------------|-------|------|
| Sodium | ppm | ASTM D5185m | | 12 | 11 | 19 |
| Boron | ppm | ASTM D5185m | | 22 | 20 | 42 |
| Barium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 2 | 0 | 5 |
| Manganese | ppm | ASTM D5185m | | 2 | 1 | 2 |
| Magnesium | ppm | ASTM D5185m | | 9 | 4 | 7 |
| Calcium | ppm | ASTM D5185m | | 789 | 702 | 1687 |
| Phosphorus | ppm | ASTM D5185m | | 3666 | 3517 | 3820 |
| Zinc | ppm | ASTM D5185m | | 329 | 292 | 677 |
| Sulfur | ppm | ASTM D5185m | | 18635 | 15459 | 9198 |
| Visc @ 40°C | cSt | ASTM D445 | | 191 | 191 | 126 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0208206 **Received** : 24 Apr 2024
Lab Number : 06159878 **Tested** : 25 Apr 2024
Unique Number : 10995301 **Diagnosed** : 26 Apr 2024 - Sean Felton
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)