



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

Area
[W66573]

Machine Id
JOHN DEERE 470 P 1FF470PAAPF000540

Component
Left Final Drive

Fluid
JOHN DEERE GL-5 80W90 (3 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W66573)

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number | | Client Info | | JR0206001 | --- | --- |
| Sample Date | | Client Info | | 09 May 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 485 | --- | --- |
| Oil Age | hrs | Client Info | | 485 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | Not Chngd | --- | --- |
| Filter Changed | | Client Info | | Not Chngd | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|-----|-----|
| PQ | | ASTM D8184 | | 170 | --- | --- |
| Iron | ppm | ASTM D5185m | >750 | 128 | --- | --- |
| Chromium | ppm | ASTM D5185m | >11 | 3 | --- | --- |
| Nickel | ppm | ASTM D5185m | >10 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185m | | <1 | --- | --- |
| Silver | ppm | ASTM D5185m | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >21 | 2 | --- | --- |
| Lead | ppm | ASTM D5185m | >49 | 0 | --- | --- |
| Copper | ppm | ASTM D5185m | >101 | <1 | --- | --- |
| Tin | ppm | ASTM D5185m | >10 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | <1 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |

CONTAMINATION

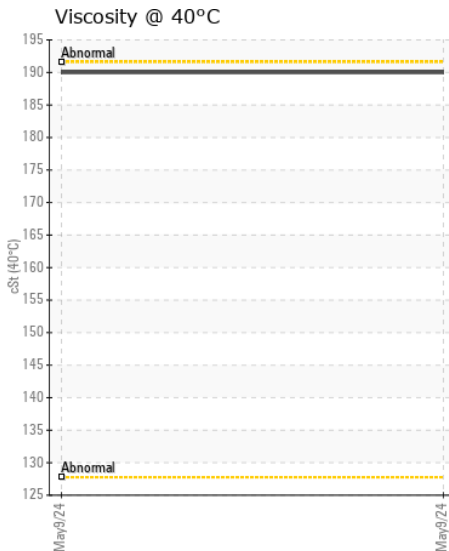
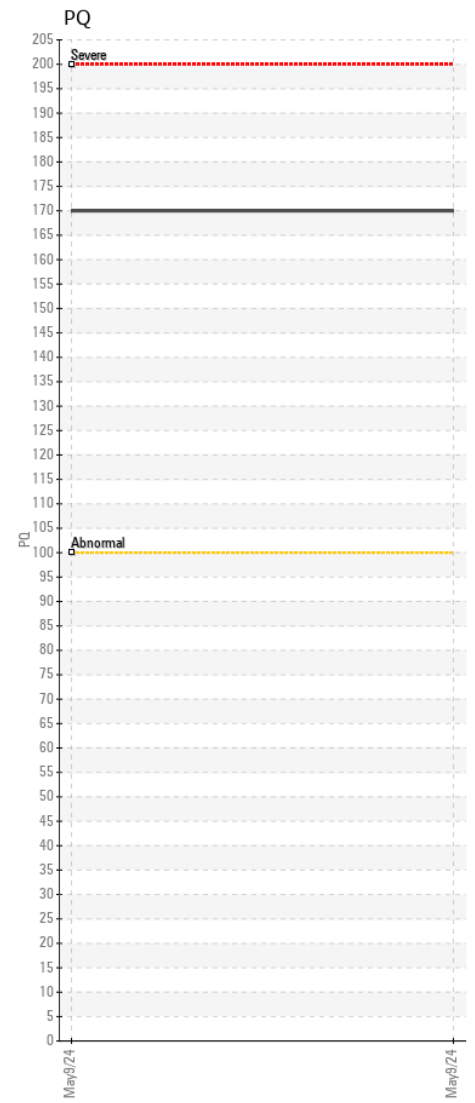
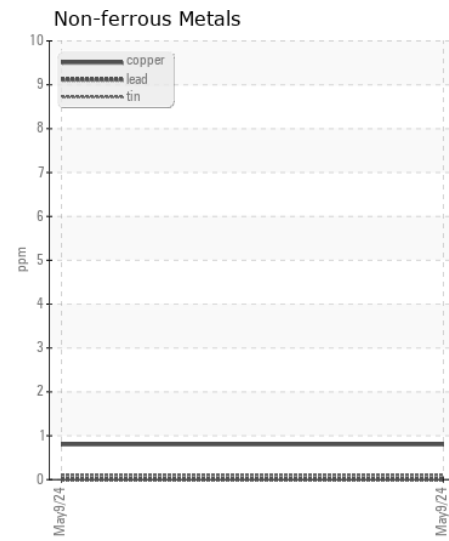
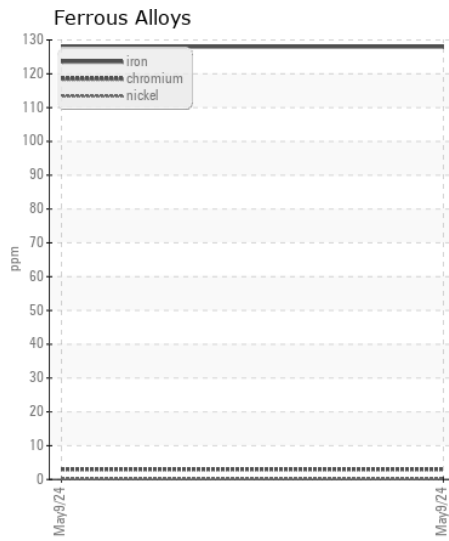
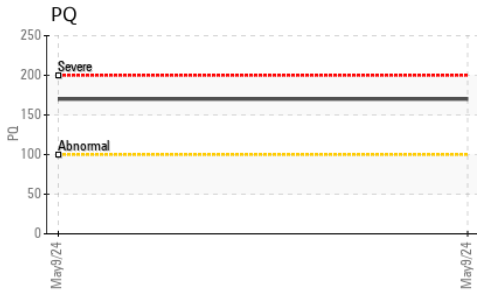
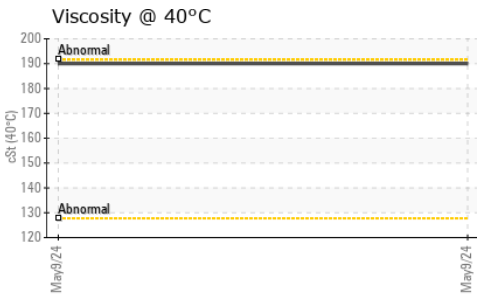
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-----|-----|
| Silicon | ppm | ASTM D5185m | >31 | 9 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 5 | --- | --- |
| Water | | WC Method | >0.1 | NEG | --- | --- |
| Silt | scalar | *Visual | NONE | MODER | --- | --- |
| Debris | scalar | *Visual | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | --- | --- |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|-----|--------------|-----|-----|
| Sodium | ppm | ASTM D5185m | >51 | <1 | --- | --- |
| Boron | ppm | ASTM D5185m | | 70 | --- | --- |
| Barium | ppm | ASTM D5185m | | 9 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 5 | --- | --- |
| Magnesium | ppm | ASTM D5185m | | 2 | --- | --- |
| Calcium | ppm | ASTM D5185m | | 9 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | | 550 | --- | --- |
| Zinc | ppm | ASTM D5185m | | 18 | --- | --- |
| Sulfur | ppm | ASTM D5185m | | 15841 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | | 190 | --- | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0206001 **Received** : 10 May 2024
Lab Number : 06175791 **Tested** : 13 May 2024
Unique Number : 11021844 **Diagnosed** : 14 May 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

CARLTON'S BACKHOE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
 Contact: LEO

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: (704)547-0211

F: