



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



Area
[W65767]
 Machine Id
JOHN DEERE 672GP 1DW672GPEMF710668
 Component
Front Left Hub
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W65767)

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | JR0206740 | JR0171671 | --- |
| Sample Date | | Client Info | | 09 Apr 2024 | 12 Jul 2023 | --- |
| Machine Age | hrs | Client Info | | 1980 | 1484 | --- |
| Oil Age | hrs | Client Info | | 1980 | 1484 | --- |
| Filter Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Changed | | Client Info | | Changed | Not Changd | --- |
| Filter Changed | | Client Info | | N/A | N/A | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|-----|
| PQ | | ASTM D8184 | | 58 | 49 | --- |
| Iron | ppm | ASTM D5185m | >200 | 63 | 166 | --- |
| Chromium | ppm | ASTM D5185m | >10 | 0 | <1 | --- |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | --- |
| Titanium | ppm | ASTM D5185m | | 0 | <1 | --- |
| Silver | ppm | ASTM D5185m | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | | <1 | <1 | --- |
| Lead | ppm | ASTM D5185m | | 0 | 1 | --- |
| Copper | ppm | ASTM D5185m | | 4 | 9 | --- |
| Tin | ppm | ASTM D5185m | | <1 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | <1 | --- |
| White Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |

CONTAMINATION

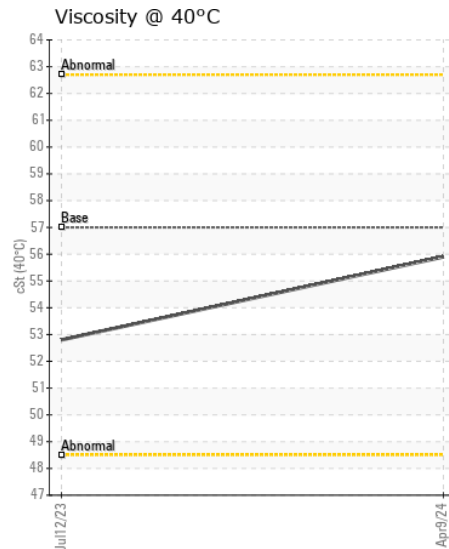
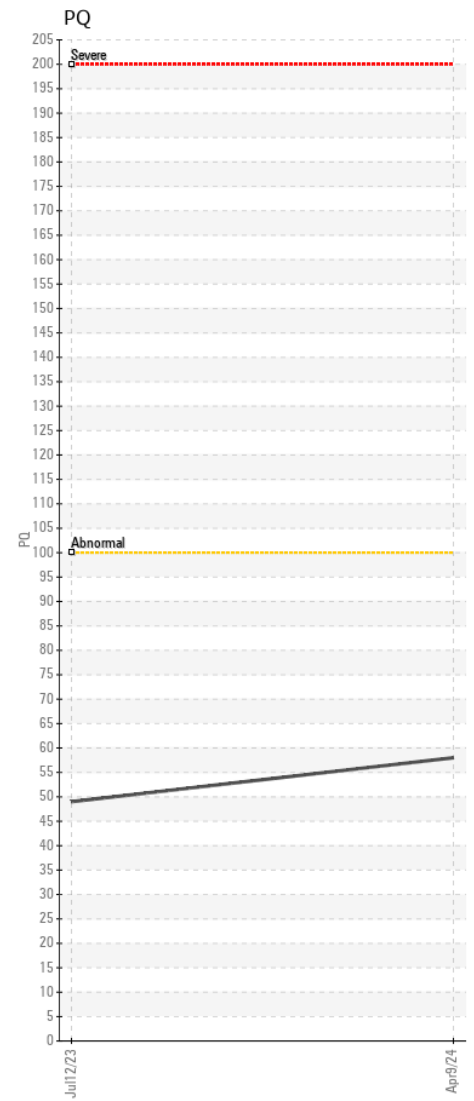
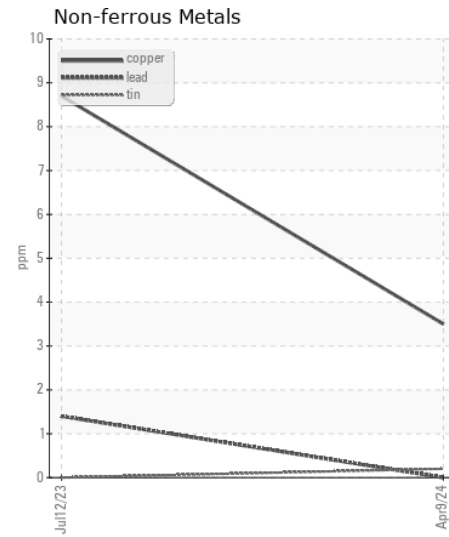
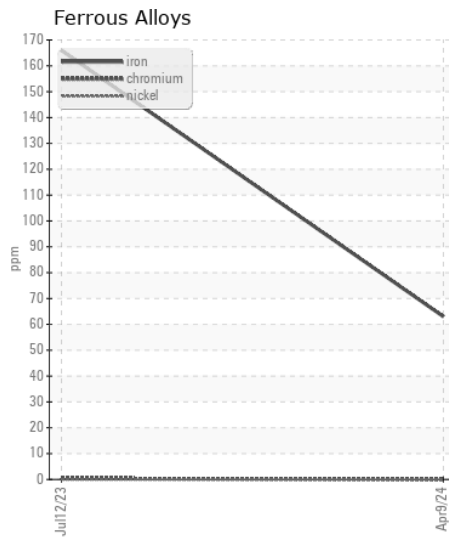
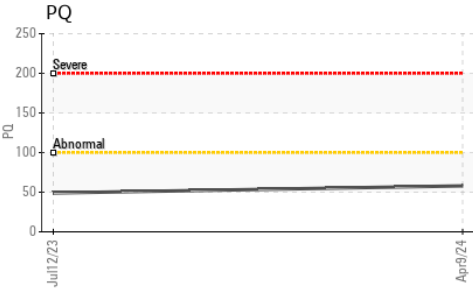
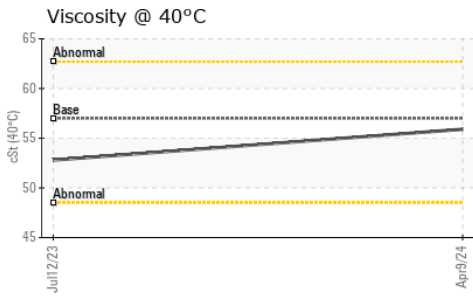
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-----|
| Silicon | ppm | ASTM D5185m | | 7 | 5 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 0 | 0 | --- |
| Water | | WC Method | >0.2 | NEG | NEG | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | NONE | NONE | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | --- |
| Appearance | scalar | *Visual | NORML | NORML | NORML | --- |
| Odor | scalar | *Visual | NORML | NORML | NORML | --- |
| Emulsified Water | scalar | *Visual | >0.2 | NEG | NEG | --- |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|------|--------------|------|-----|
| Sodium | ppm | ASTM D5185m | | 2 | 4 | --- |
| Boron | ppm | ASTM D5185m | 6 | 0 | 5 | --- |
| Barium | ppm | ASTM D5185m | 0 | 0 | 5 | --- |
| Molybdenum | ppm | ASTM D5185m | 0 | <1 | 3 | --- |
| Manganese | ppm | ASTM D5185m | | 1 | 4 | --- |
| Magnesium | ppm | ASTM D5185m | 145 | 103 | 107 | --- |
| Calcium | ppm | ASTM D5185m | 3570 | 3543 | 3445 | --- |
| Phosphorus | ppm | ASTM D5185m | 1290 | 1075 | 1061 | --- |
| Zinc | ppm | ASTM D5185m | 1640 | 1262 | 1238 | --- |
| Sulfur | ppm | ASTM D5185m | | 4120 | 4244 | --- |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 55.9 | 52.8 | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0206740 **Received** : 12 Apr 2024
Lab Number : 06147605 **Tested** : 15 Apr 2024
Unique Number : 10977683 **Diagnosed** : 16 Apr 2024 - Don Baldrige
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: